

AMBIENT AIR SURVEY
IN THE AREAS OF
THUNDER BAY, RED ROCK,
MARATHON AND TERRACE BAY - 1978

COMPILATION OF TIME AVERAGED DATA

Addendum to

ARB-TDA Report No. 47-80

PUBLISHED MARCH, 1981



Ontario

Ministry
of the
Environment

The Honourable
Harry C. Parrott, D.D.S.,
Minister

Graham W. S. Scott, Q.C.,
Deputy Minister

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Addendum to
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Ambient Air Survey in the Areas of
Thunder Bay, Red Rock, Marathon and
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Compilation of Time Averaged Data

Ontario Ministry of
the Environment,
880 Bay Street,
Toronto, Ontario.

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17335

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The ambient air concentrations of selected gaseous pollutants and ground-based meteorological parameters as monitored by the Mobile Air Monitoring unit are presented in the following statistical printouts. The suspected sources monitored were kraft and sulphite pulp and papermills located in Thunder Bay, Red Rock, Marathon and Terrace Bay during the period July to September, 1978.

All statistical values are based on 60 second averaged values of instantaneous interrogations of the analytical instrumentation associated with this monitoring unit and all results are expressed in ppm (parts per million). Both 30-and 60-minute running averaged glc values are presented in this addendum. Refer to Section 07 of initial survey report for a more complete description of sampling procedure and data acquisition system.

All headings have their respective format Thunder Bay #X, Red Rock #X, Marathon #X and Terrace Bay #X, depending on the area being monitored. X refers to the monitoring period as assigned during the survey.

The monitoring periods are presented in chronological order; however, several will be omitted. Reasons for these omissions were as follows:

- i) insufficient data - 45 minutes was deemed the minimal observational period in order to establish a "true" 30-minute average concentration of the gaseous pollutant of interest. For the 60-minute average concentration, 1½ hours was deemed the minimal observational period.
- ii) instrument failure - mainly data acquisition and data handling - cassette tape damage
- iii) calibration statistics - several monitoring periods included only this type of data.

THUNDER BAY #1

16:27 JUL 31 1978

SCAN= 60

SEC

AVE= 30

MIN

MT MCKAY SKI HILL (3295M-5356M); 0.6KM @ 140065/SOURCE

0.033
26
49
986

0.034
25
51
986

0.003
21
76
986

0.000
14
100
987

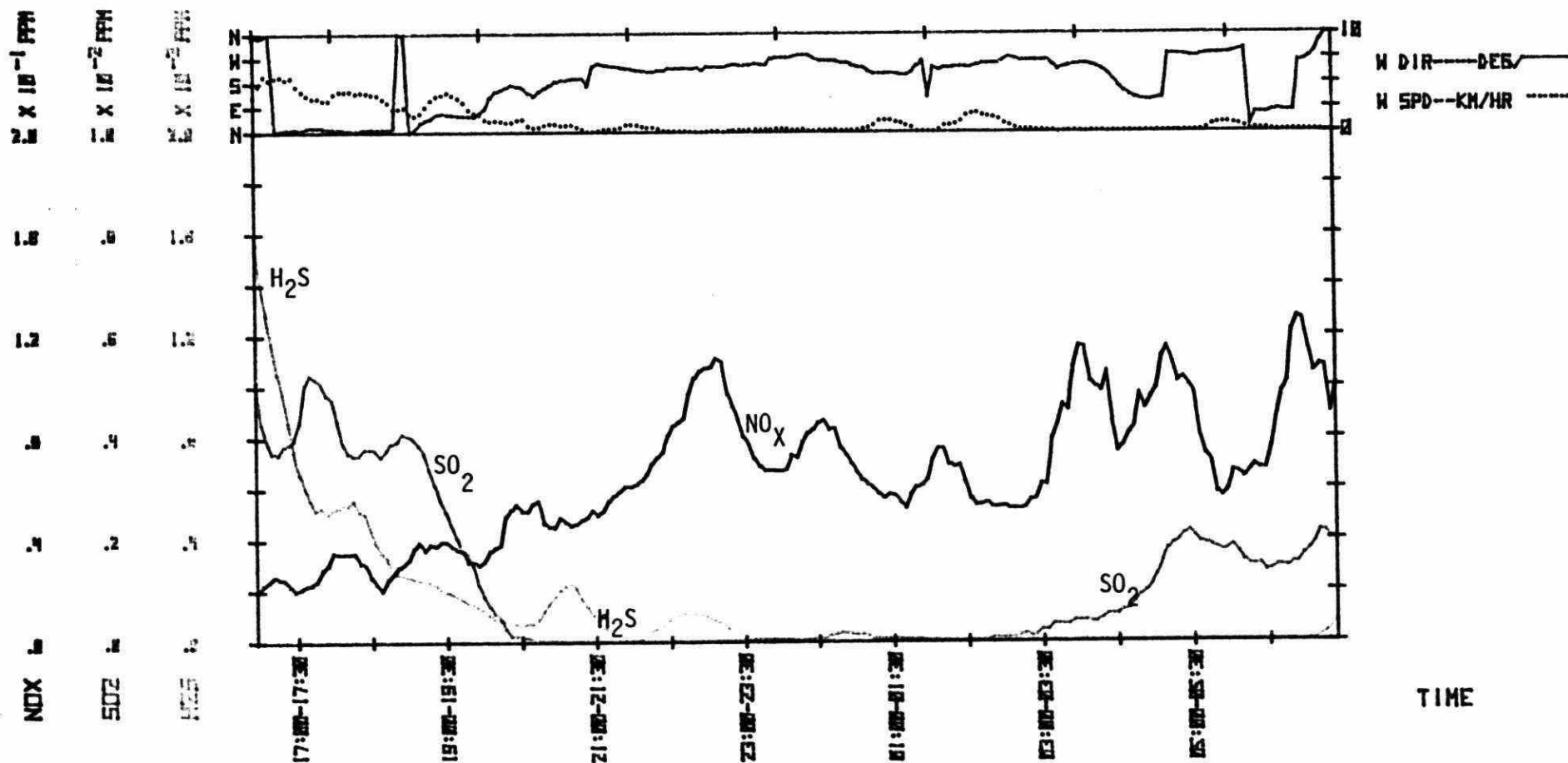
0.000
13
100
987

0.000
13
100
988

0.000
11
100
988

0.000
11
100
987

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #2

14:40 AUG 1 1978

SCAN= 98 SEC

AVE= 30 MIN

NEEBING AVE & ROSSLYN RD. 1000M AND 170DEG. OF GREAT LAKES PAPER CO.

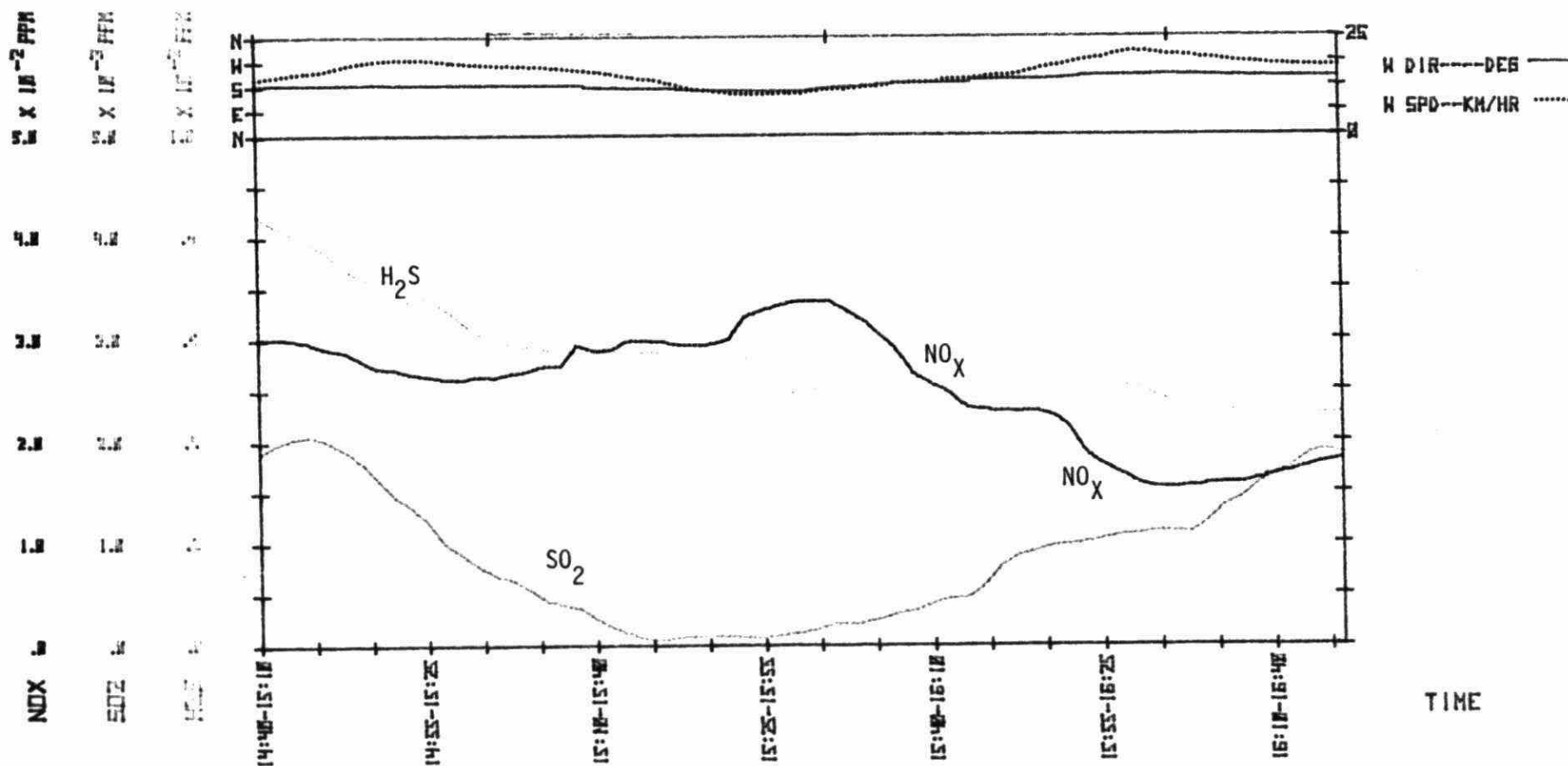
0.031
25
74
988

0.013
21
95
988

0.037
22
98
988

0.066
26
70
987

SRAD W/CM2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #6

12:51 AUG 3 1978

SCAN= 150 SEC

AVE= 30 MIN

GRAVEL PIT RD.(33055-53577); 1.5KM @ 000065/SAC

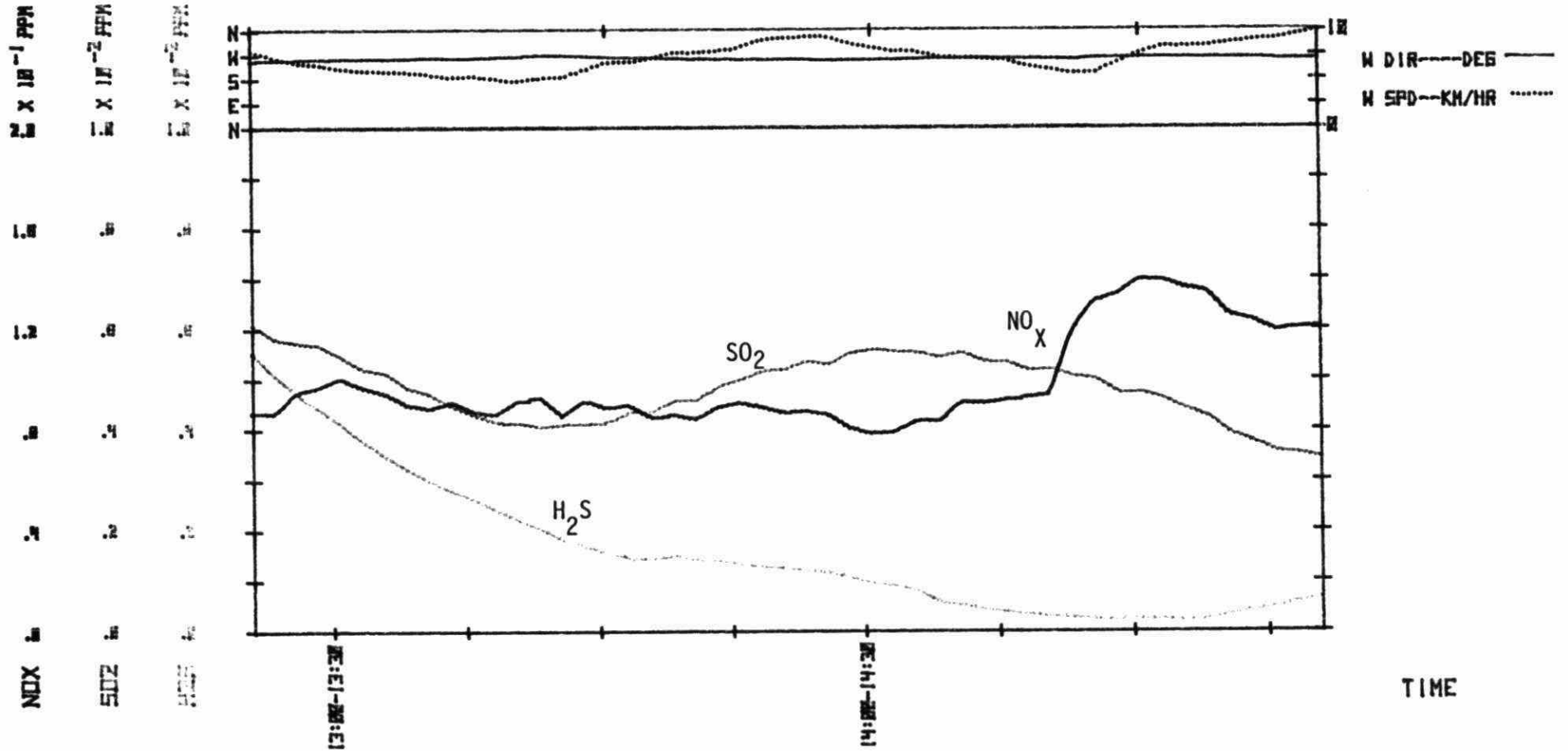
0.003
17
81
994

0.002
18
70
994

0.002
19
62
994

0.003
18
72
993

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #9

16:52 AUG 4 1978

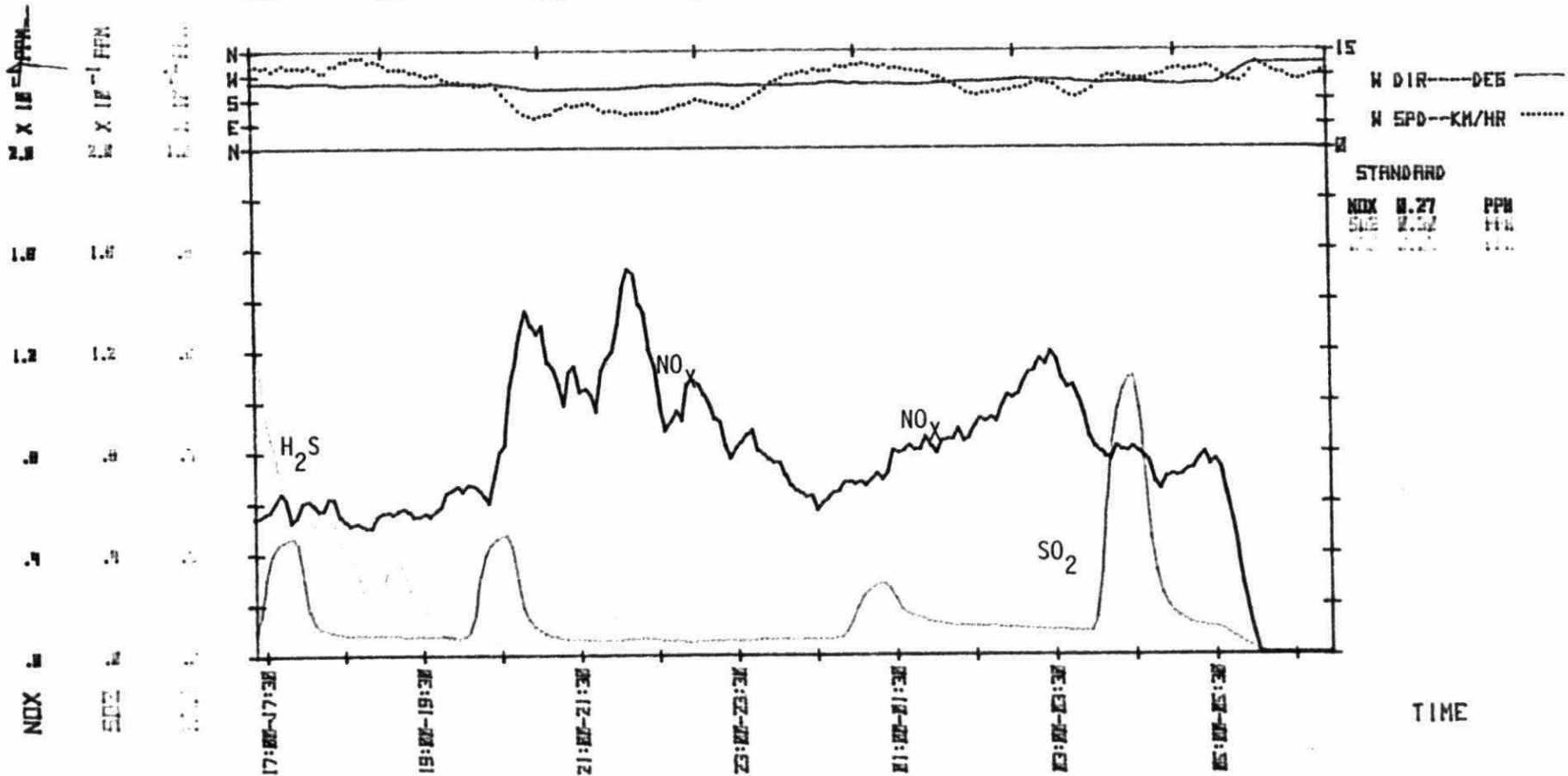
SCAN= 150 SEC

AVE= 30 MIN

C.N.R.A. REC. CENTRE(33050-53503); 1.7KM @ 050065/5AC

0.005	0.011	0.002	0.000	0.000	0.000	0.000
29	28	27	24	22	22	20
39	41	40	56	58	61	64
992	992	991	992	991	990	990

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #10

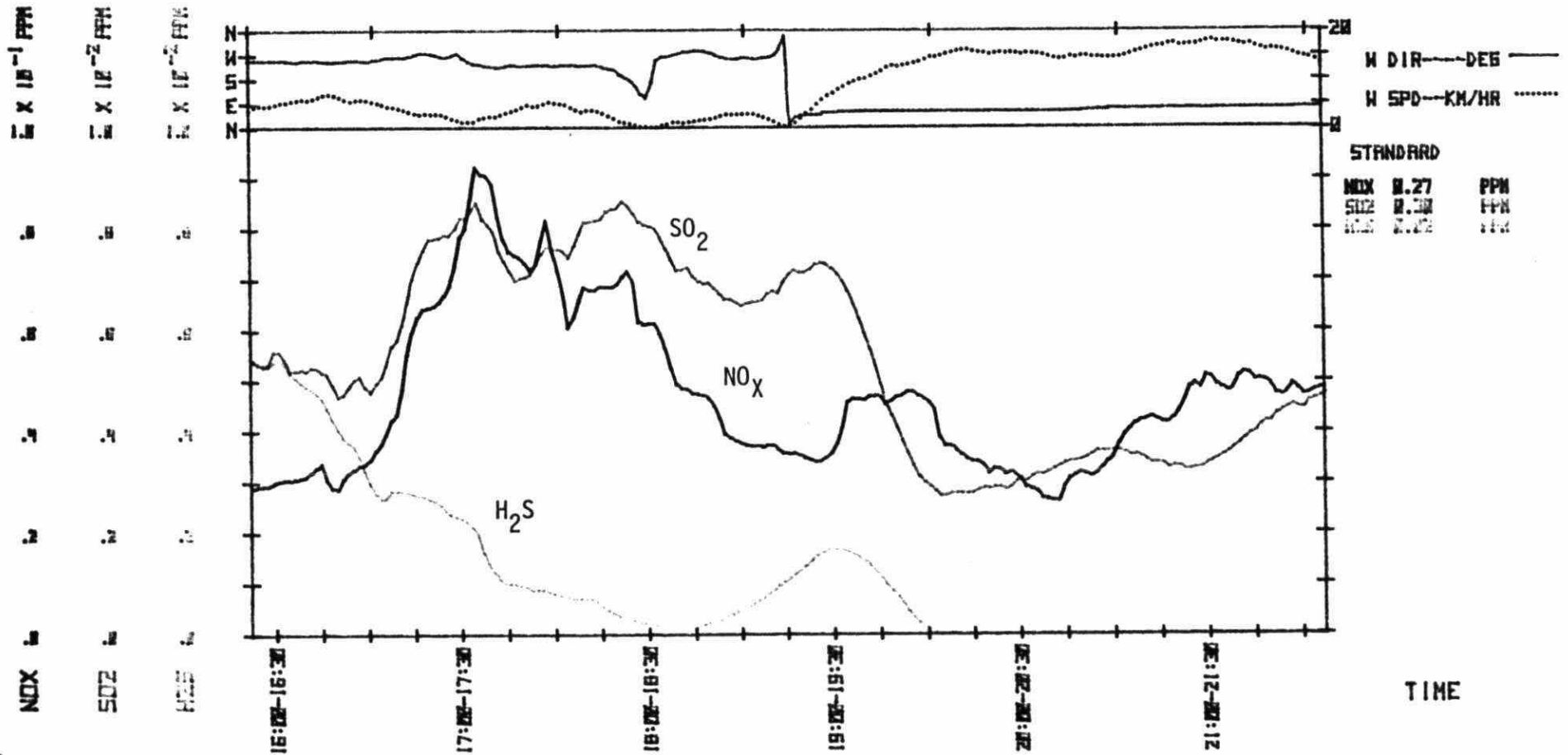
15:52 AUG 5 1978

SCAN= 150 SEC

AVE= 30 MIN

D.N.D. RIFLE RANGE (33035-53573); 1.1 KM @ 90 DEG/SRC

0.050	0.050	0.045	0.033	0.005	0.002	0.000 SRAD	W/CH2
30	31	30	29	22	19	17 TEMP	DEG C
30	33	20	20	50	73	00 HUM	% REL
991	992	992	993	994	995	996 PRES	MBAR



THUNDER BAY #15

15:35 AUG 7 1978

SCAN= 60 SEC

AVE= 30 MIN

DDH GATE(32900-53591); 0.2KM & 0 DEG/SAC

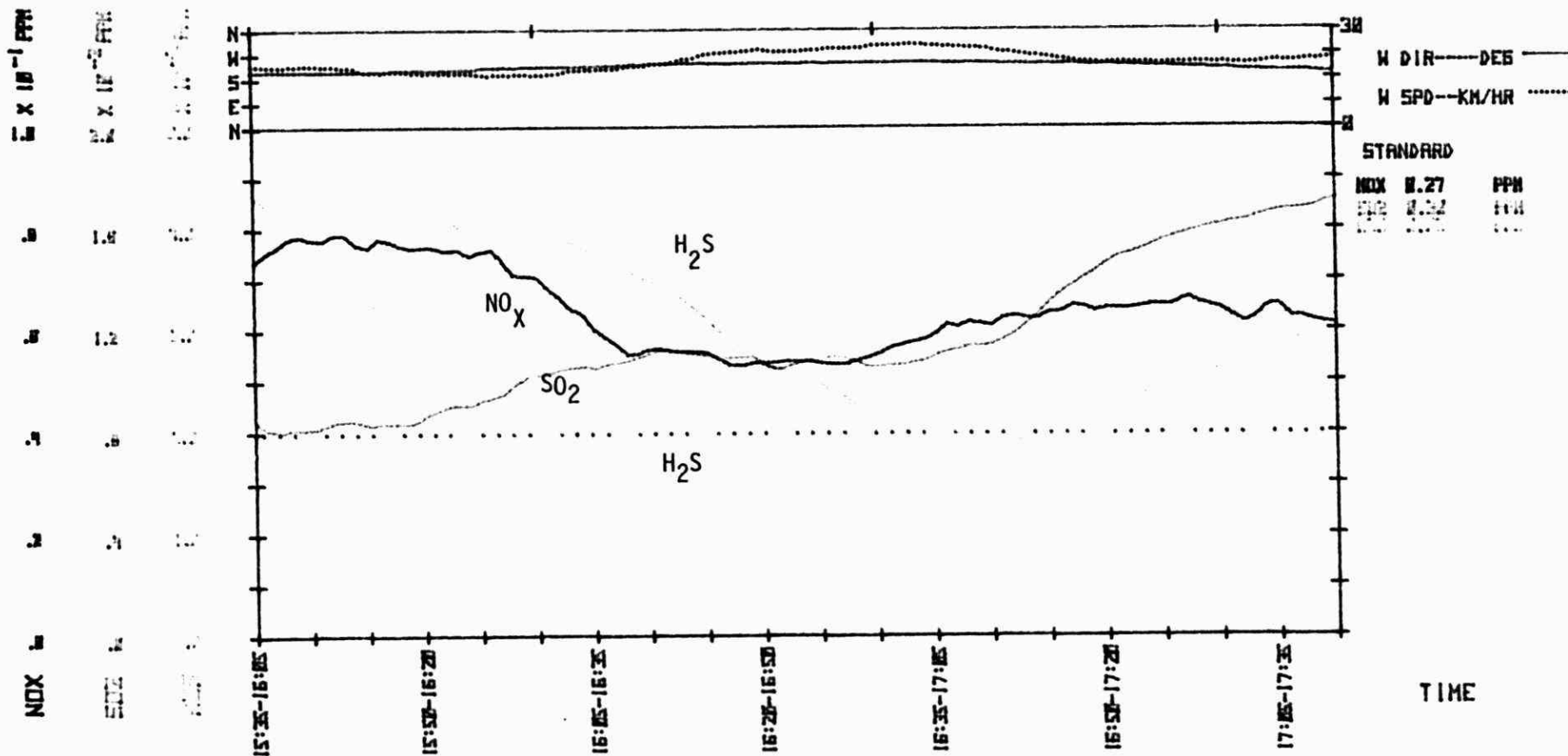
0.053
20
66
988

0.050
29
66
988

0.043
20
63
988

0.041
20
63
988

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MMHG



THUNDER BAY #16

18:01 AUG 7 1978

SCAN= 60 SEC

AVE= 30 MIN

PLANT SIGN(32810-53501); 0.1KM & 020065/SRC

0.033
28
58
987

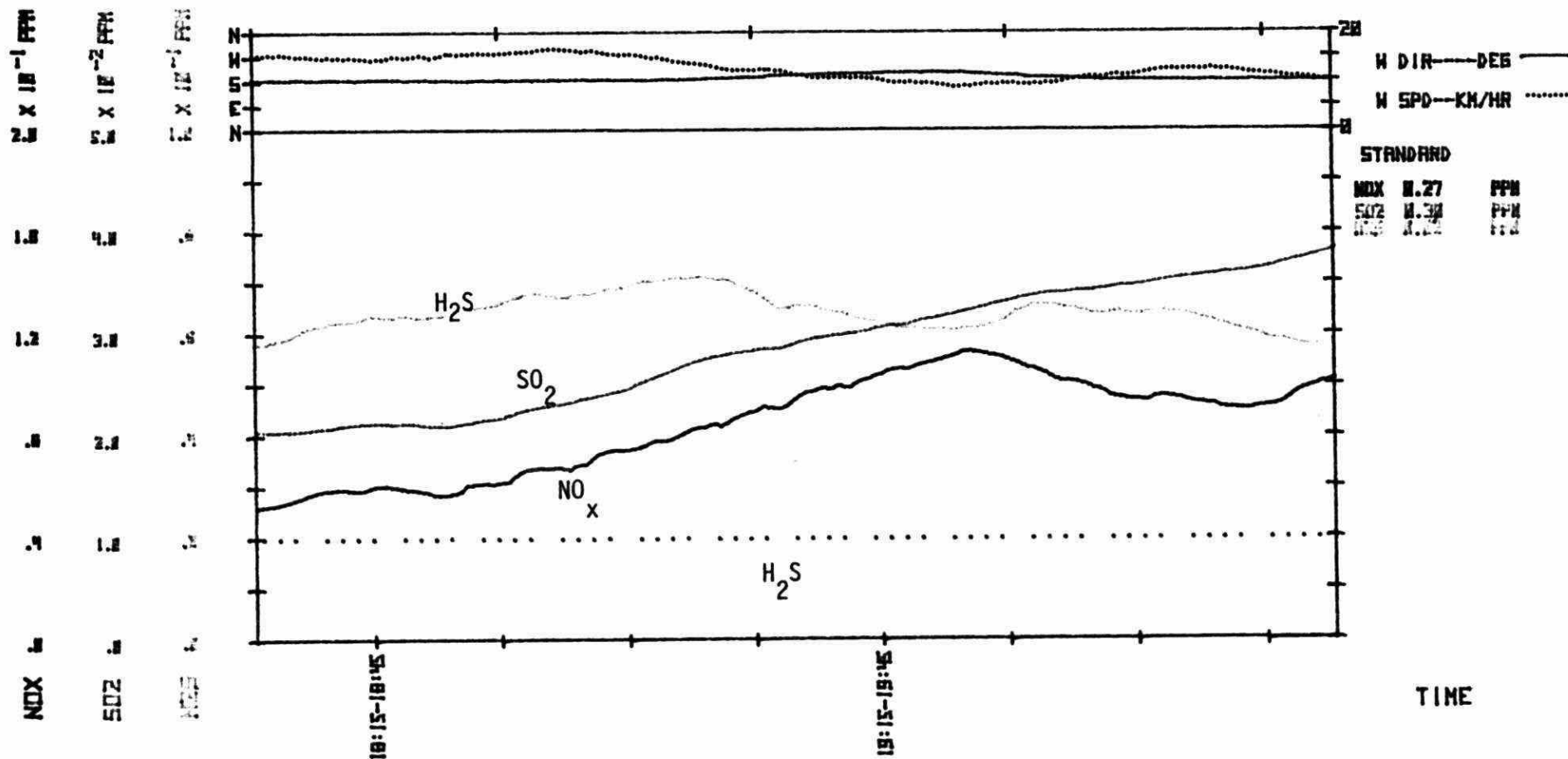
0.033
28
57
987

0.021
28
57
986

0.019
28
58
986

0.013
27
64
986

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #18

17:34 AUG 18 1978

SCAN= 60 SEC

AVE= 30 MIN

PLANT SIGN (32810-53501); 0.1KM & 020065/5RC

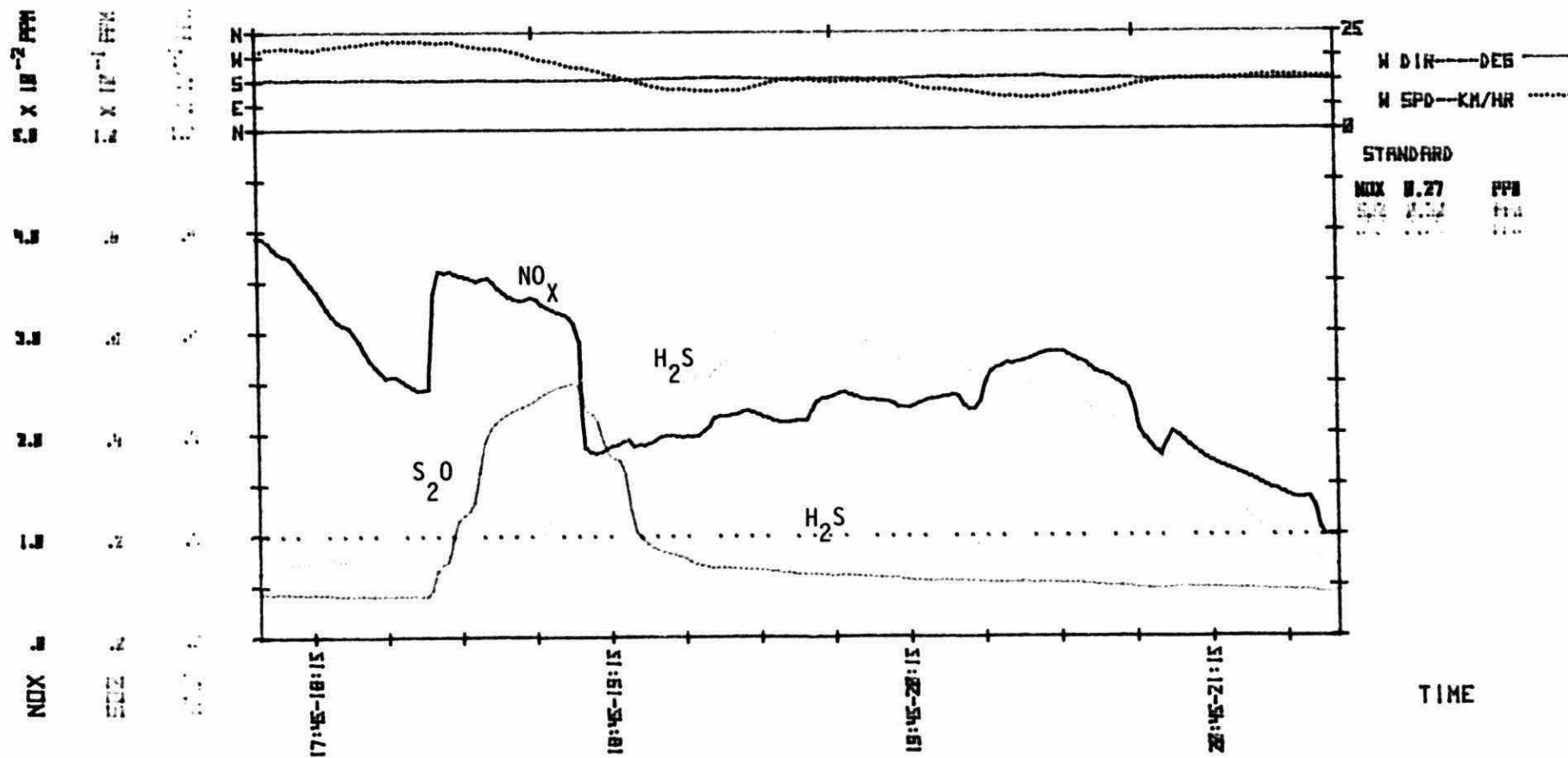
0.055
25
50
991

0.041
25
50
991

0.024
24
50
990

0.006
22
56
990

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #19

22:33 AUG 10 1978

SCAN= 150 SEC

AVE= 30 MIN

CAN-CAR(32960-53504); 1.2 KM @ 25065/SRC

0.000
16
100
999

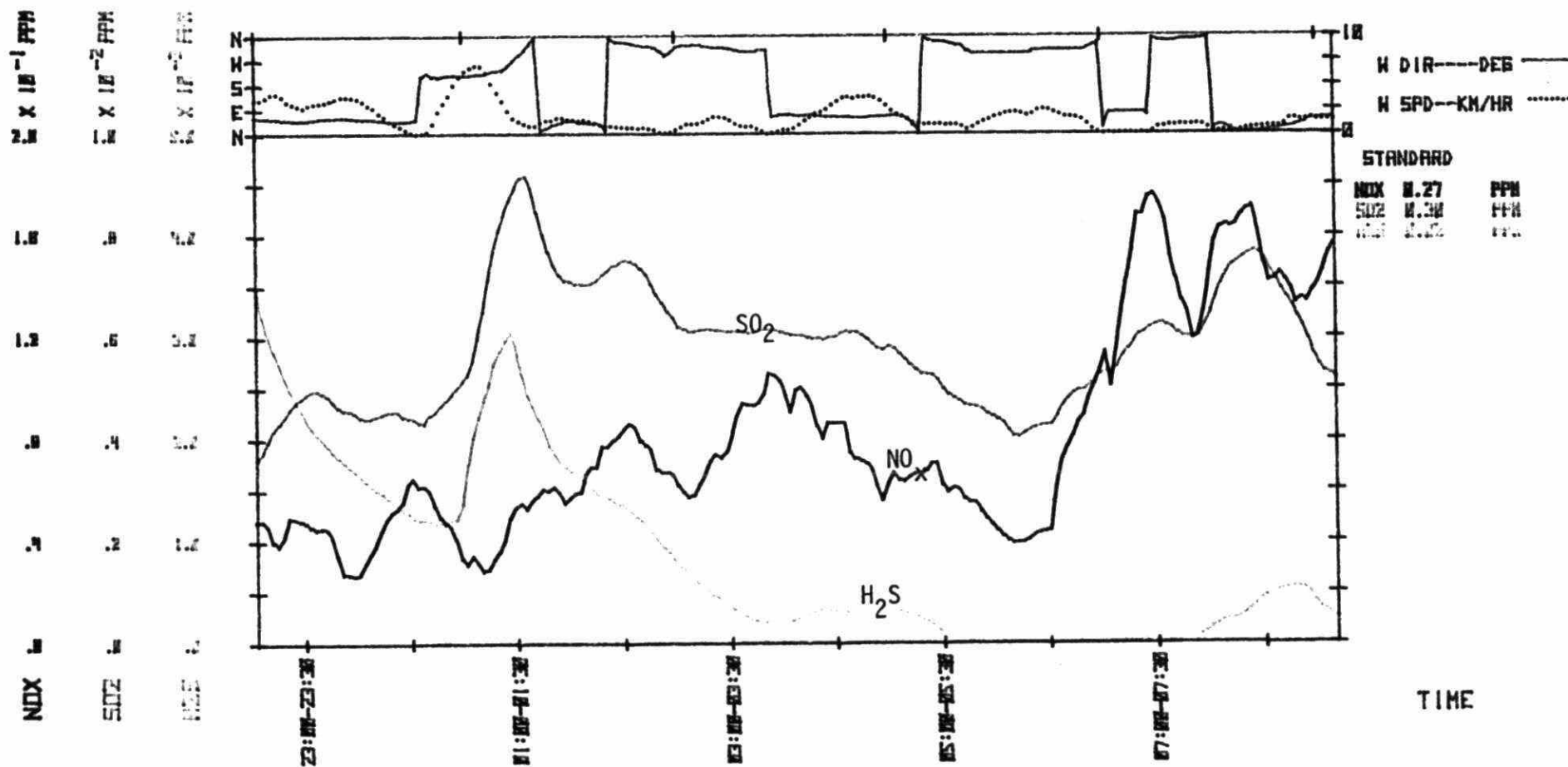
0.000
15
100
999

0.000
15
100
999

0.000
15
100
999

0.001
15
100
999

0.002 SRAD W/CH2
16 TEMP DEG C
100 HUM % REL
999 PRES MBAR



THUNDER BAY #21

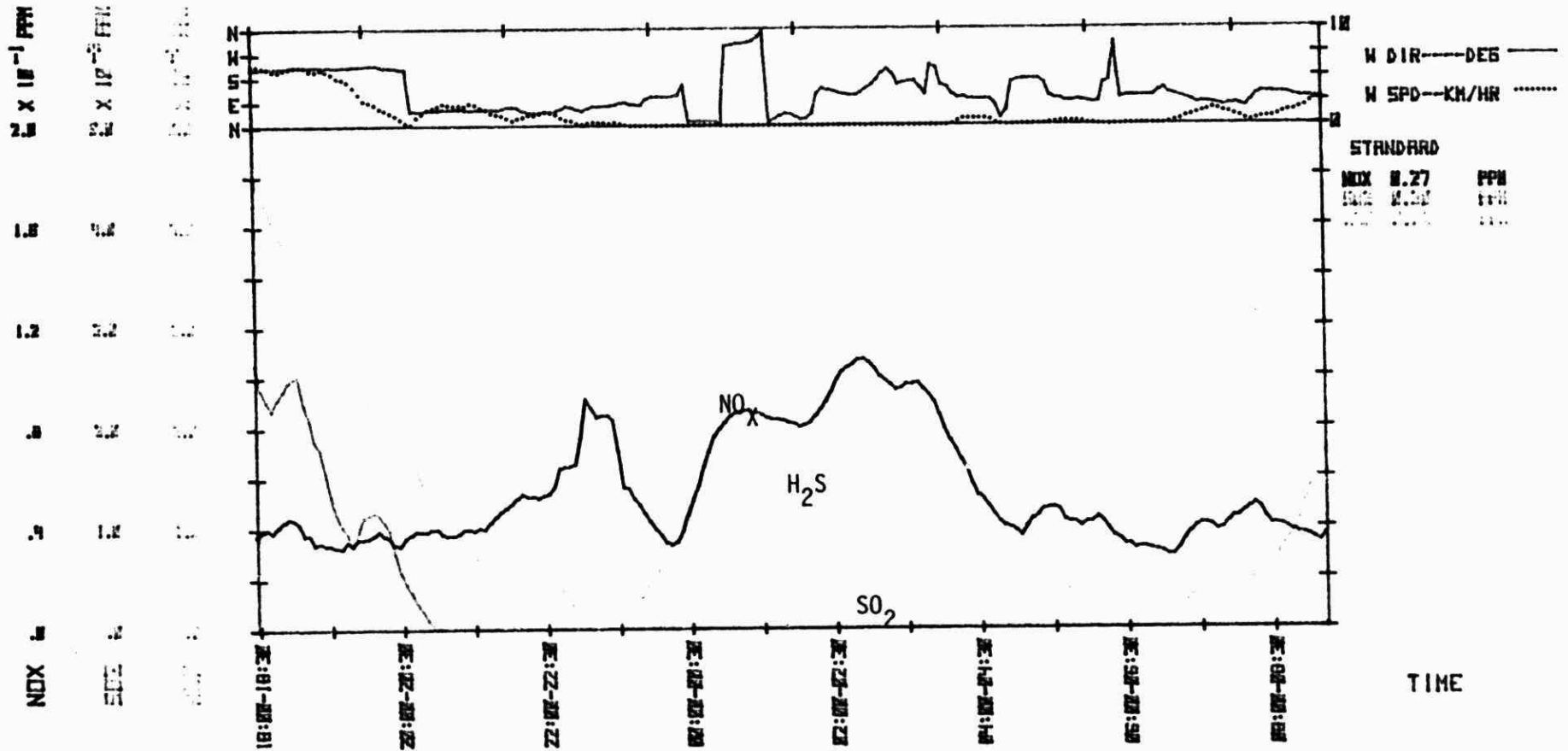
17:58 AUG 11 1978

SCAN= 150 SEC

AVE= 30 MIN

C.N.R.A. RINK(33050-53502)1.7KM & 060DEG/SAC

0.042	0.007	0.000	0.000	0.000	0.000	0.000	0.006	SRAD	W/CM2
30	25	17	15	15	15	13	13	TEMP	DEG C
57	88	100	100	100	100	100	100	HUM	% REL
987	987	987	988	987	987	987	987	PRES	MBAR



THUNDER BAY #22

15:10 AUG 12 1978

SCAN= 60 SEC

AVE= 30 MIN

CAN-CNR (32960-53504)/1.2KM & 025065/SRC

0.042
29
84
984

0.050
30
77
984

0.010
31
70
984

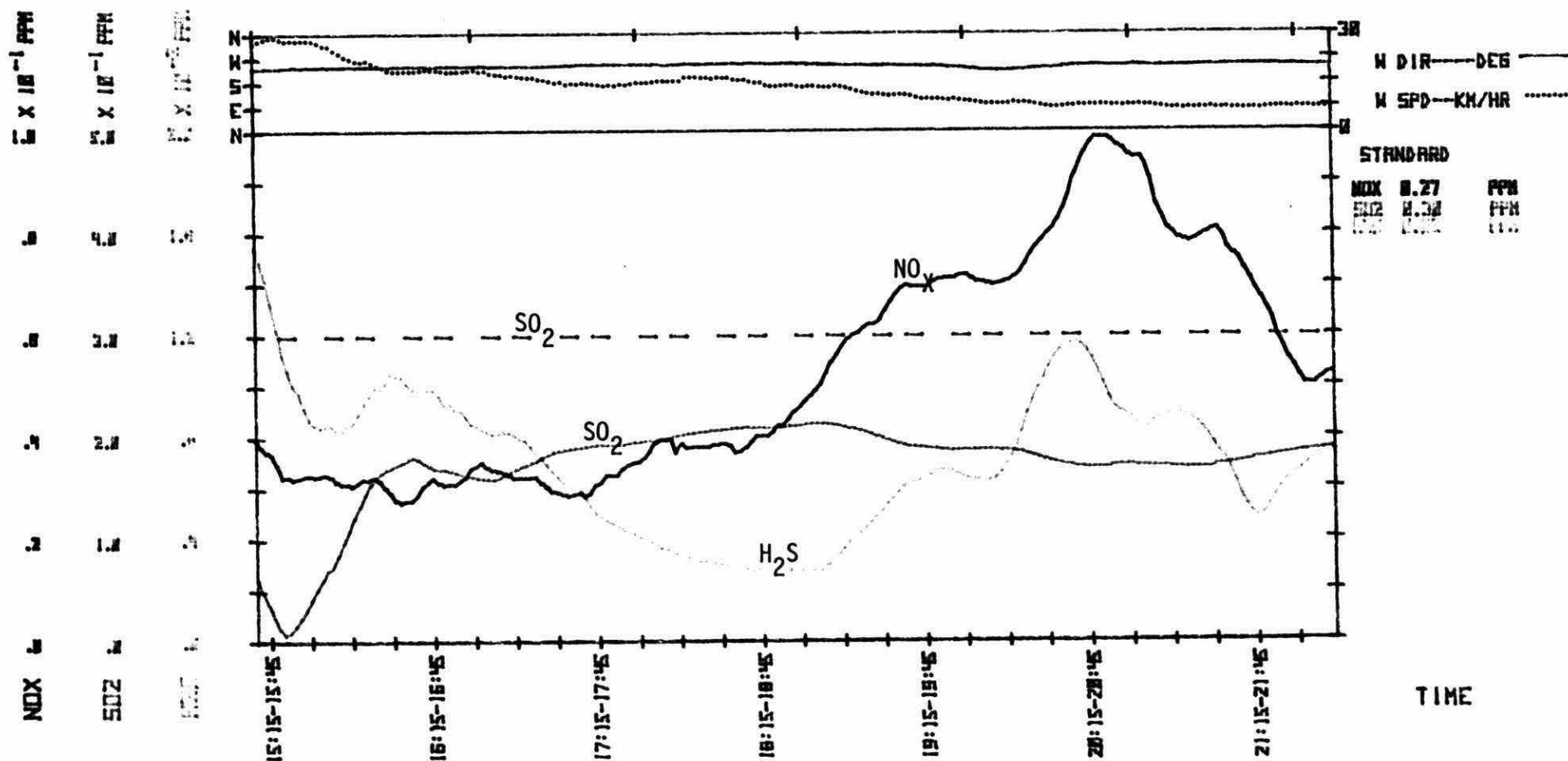
0.007
31
73
984

0.005
30
85
984

0.003
28
100
984

0.000
26
100
985

SRAD W/CM2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #23

22:14 AUG 12 1978

SCAN= 150 SEC

AVE= 30 MIN

CHN-CRR (32564-53504); 1.2KM @ 725065/SEC

0.000
25
100
985

0.000
23
100
985

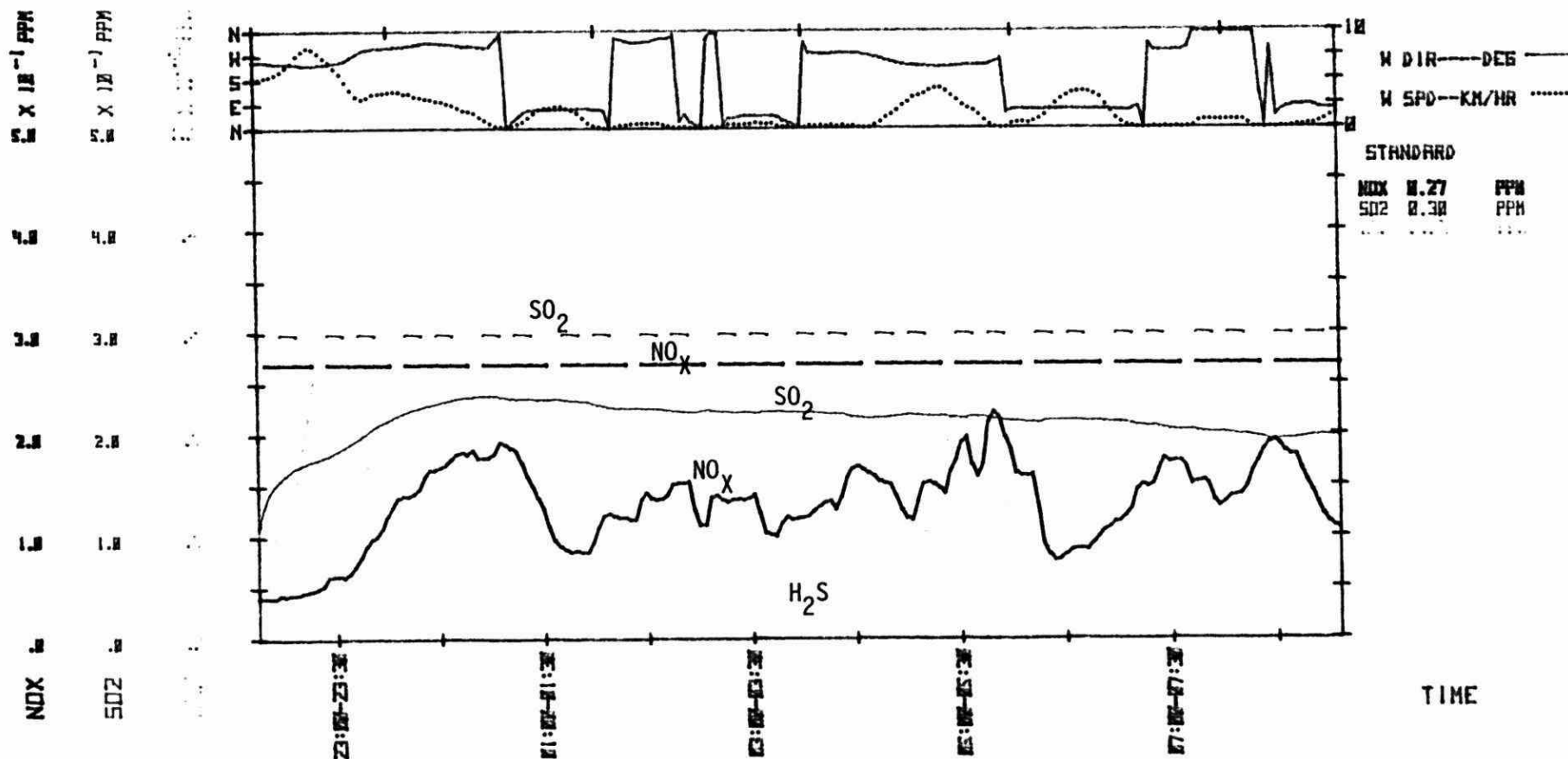
0.000
19
100
987

0.000
19
100
988

0.000
20
100
989

0.000
19
100
991

SRRD W/CM2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #26

10:56 AUG 14 1978

SCAN= 150 SEC

AVE= 30 MIN

NEEBING/MONTREAL: (32920-53503), 0.6KM @ 025065/SRC

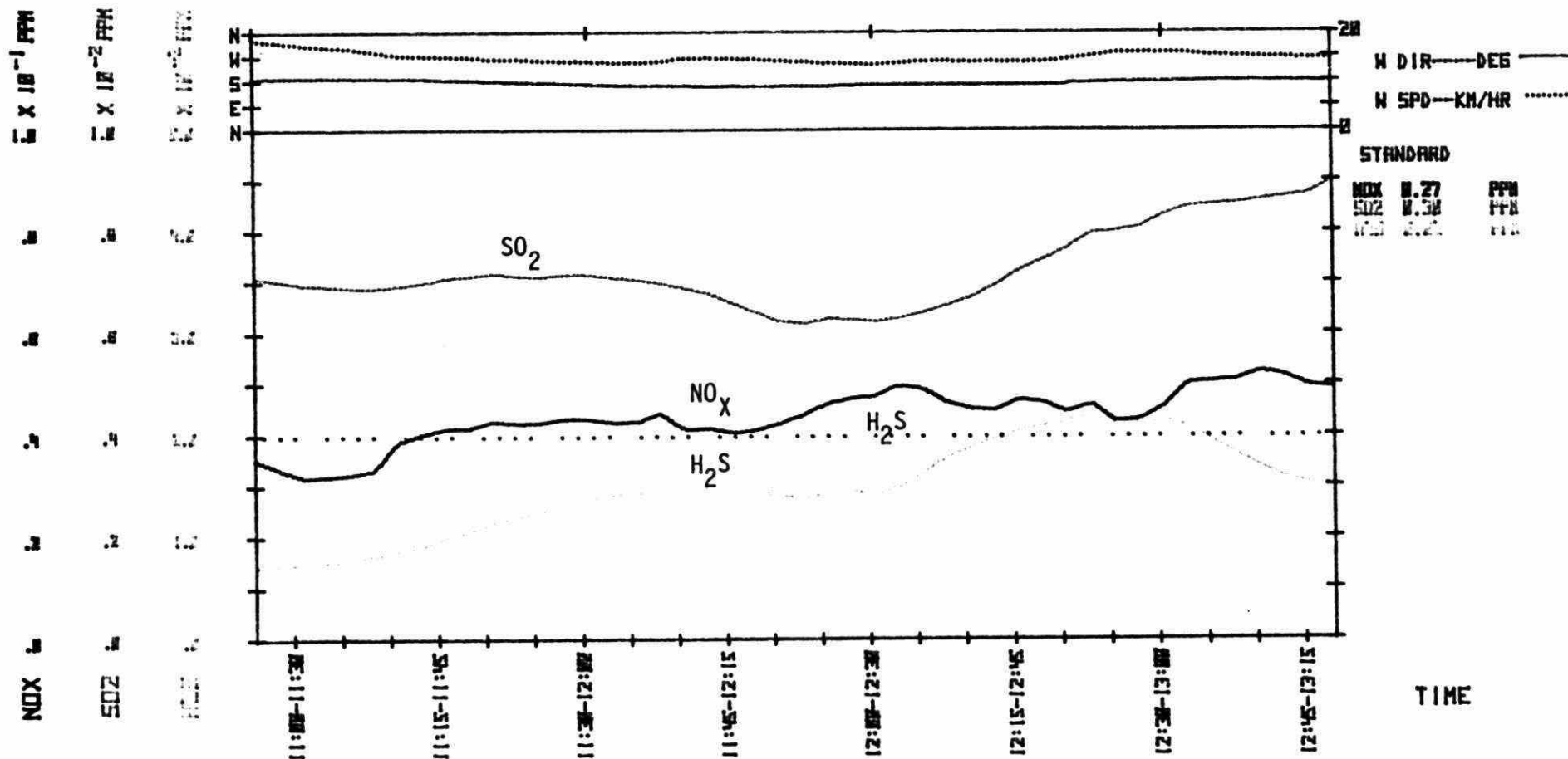
0.049
28
100
987

0.049
29
97
987

0.041
29
98
986

0.063
31
88
986

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #27

13:38 AUG 14 1978

SCAN= 60 SEC

AVE= 30 MIN

GDRE ST(32910-53591):1.7KM 025065/5RC

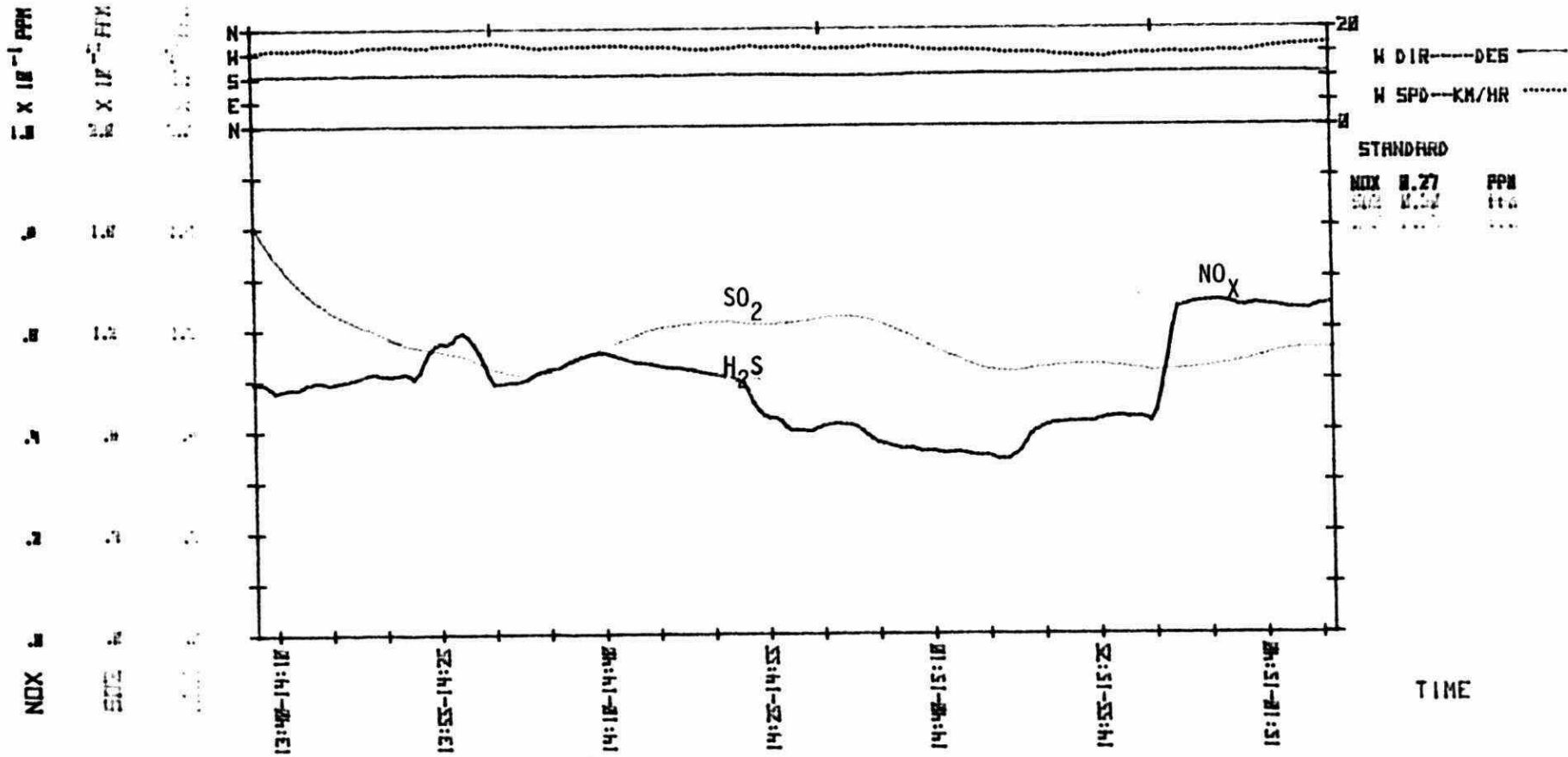
0.069
33
72
986

0.071
32
74
985

0.068
33
70
985

0.049
32
75
985

SRRD W/CM2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #30

17:54 AUG 17 1978

SCAN= 60

SEC

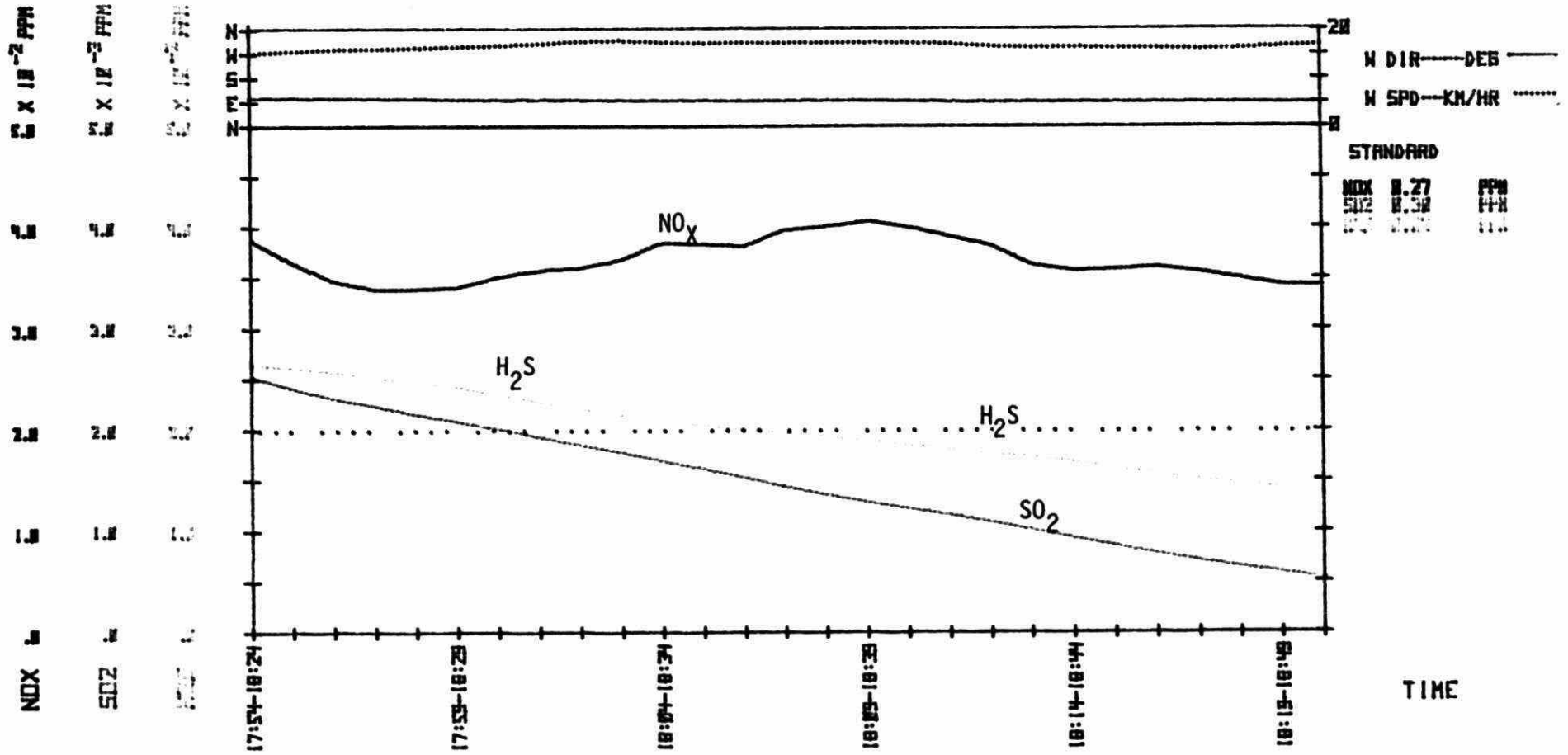
AVE= 30

MIN

WIND 17, 0.1KM E WABLOS (32040-53501); 0.0 KM 13000000/SEC

0.029
19
0
987

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #31

19:17 AUG 17 1978

SCAN= 120 SEC AVE= 30 MIN

ROSSLYN RD AT 2 SCHOOLS(32505-33591); 4.0KM @ 300065/SEC

0.000
16
0
985

0.003
15
0
985

0.001
15
0
985

0.000
15
0
985

0.000
15
0
984

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES HBAR

1 X 10⁻¹ PPM

2 X 10⁻⁵ PPM

1

1.5

1

1.5

1

1

1

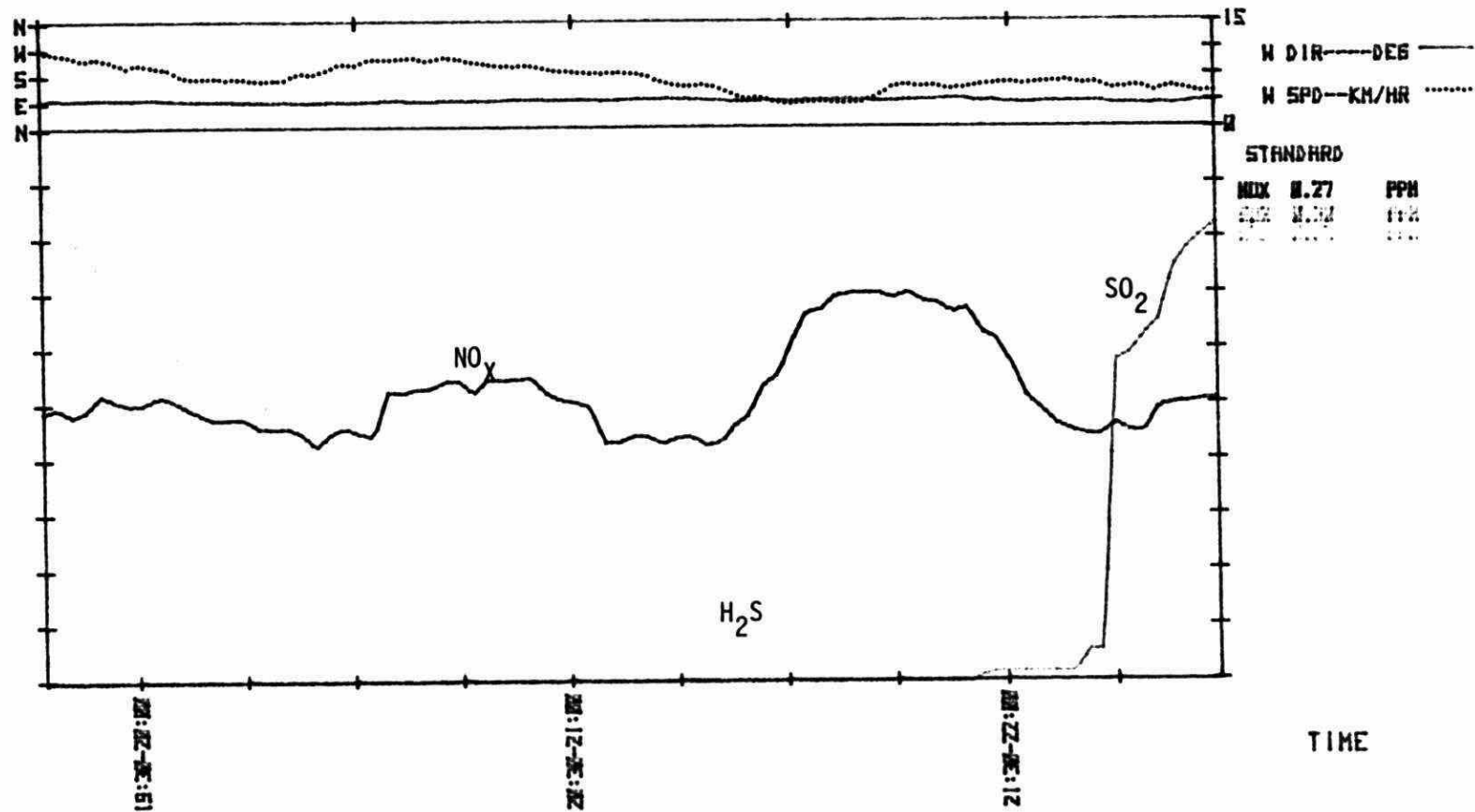
1

1

1

NDX

1000



THUNDER BAY #35

21:53 AUG 19 1978

SCAN= 150 SEC

AVE= 30 MIN

D.N.D. RIFLE RANGE(33035-53573)/1.3 KM & 100065/5RC

0.000
17
55
996

0.000
13
99
997

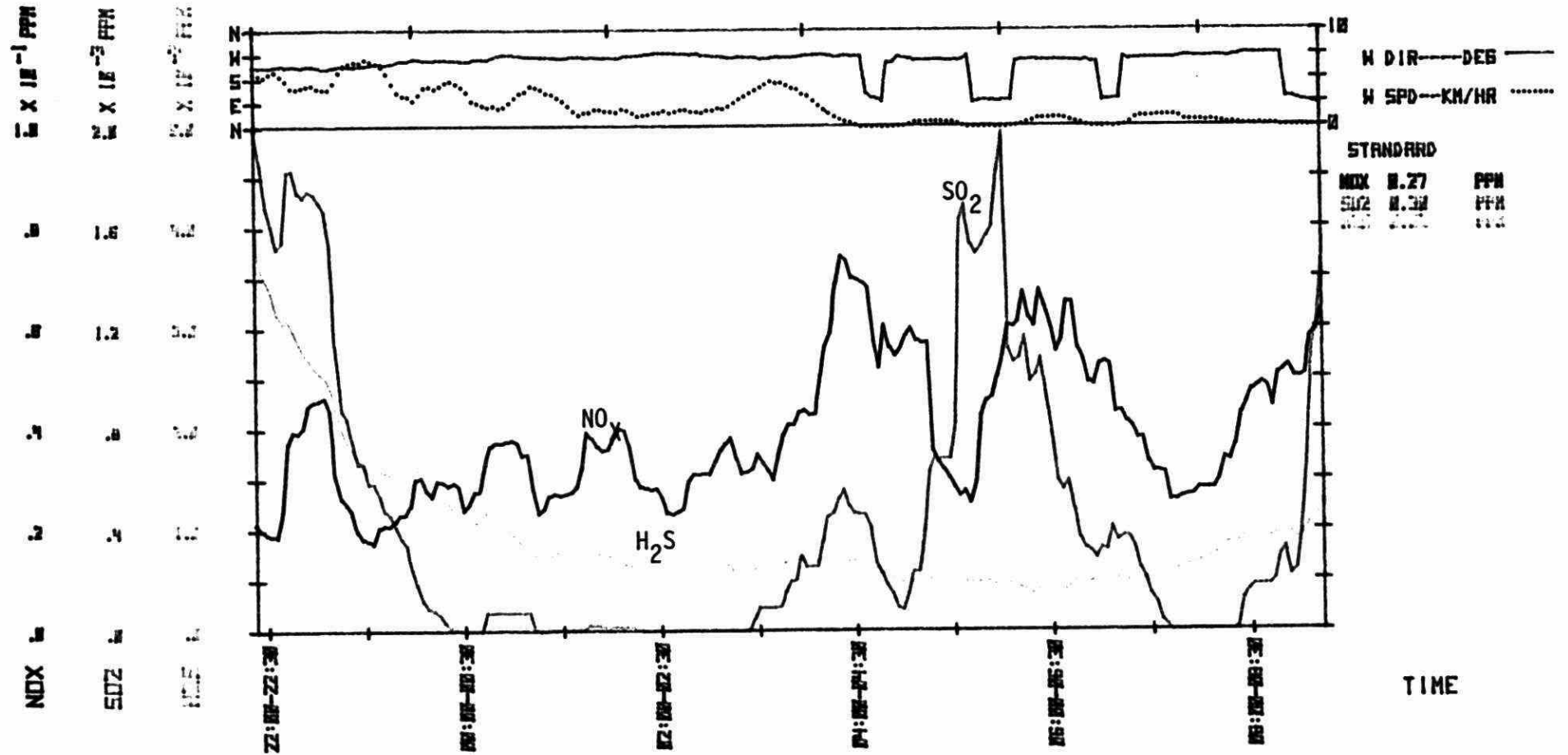
0.000
10
100
998

0.000
10
100
998

0.000
8
100
999

0.002
8
100
999

SRFD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



M.O.E. LAB (33040-53607); 3.6KM & 020/SRC

11.002
15
100
995

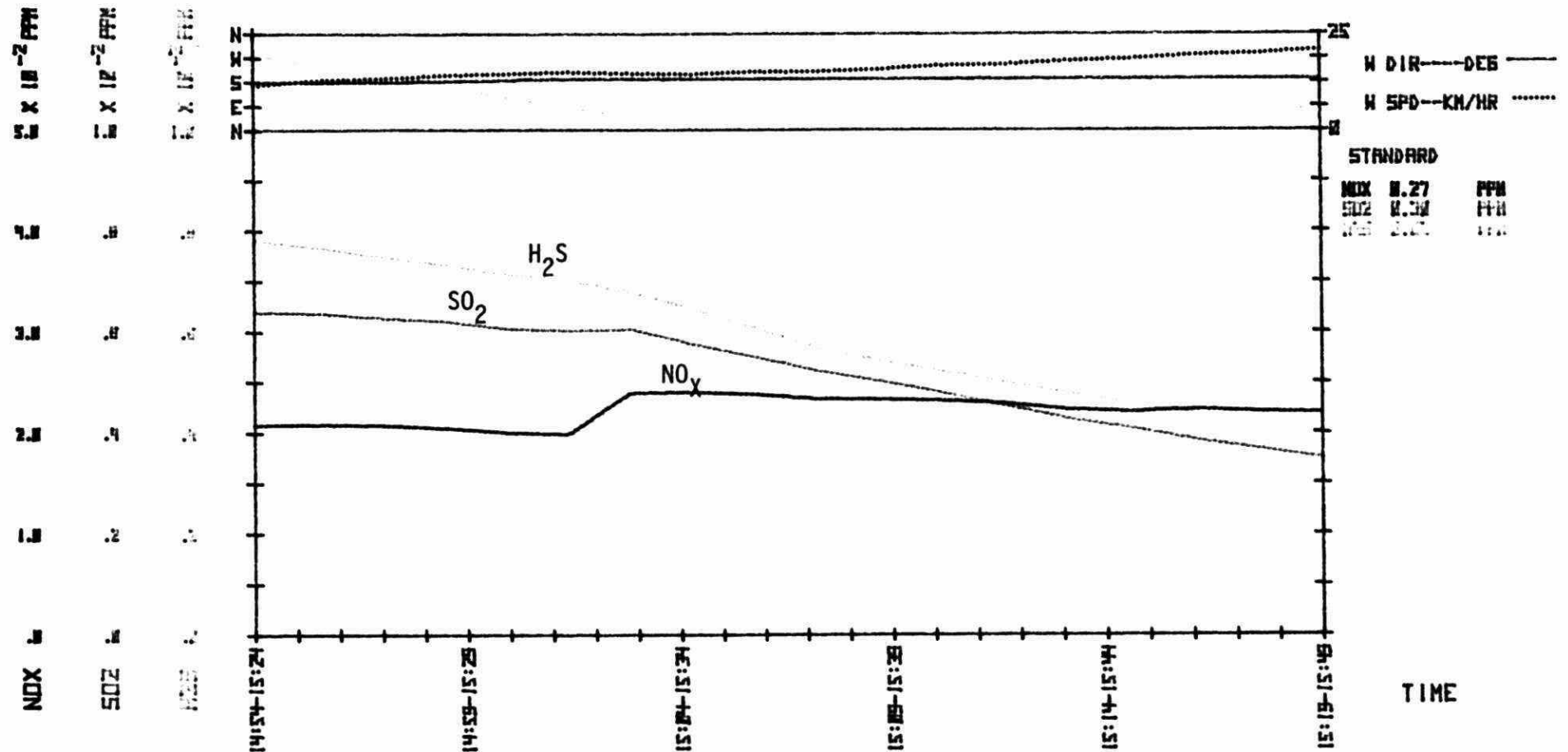
-20-

THUNDER BAY #38

14:54 AUG 21 1978 SCAN= 98 SEC AVE= 3M MIN
END OF AIRPORT RUNWAY (3289M-536M7); 3.3KM & 350065/SRC

W. 064
29
49
991

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES HBAR



THUNDER BAY #39

16:29 AUG 21 1978

SCAN= 150 SEC AVE= 30 MIN

CNRN MONTREAL & NEEBING (32915-53583); 1.0KM & 000065/SRC

0.000
25
70
990

0.000
27
63
990

0.000
26
66
989

0.000
24
81
989

0.000
23
91
987

0.000
23
90
987

0.000
24
82
988

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR

W X 10⁻² PPM

W X 10⁻² PPM

N
N
S
E
N

N DIR—DES
N SPD—KM/HR

STANDARD

NOX 0.27 PPM
SO2 0.04 PPM
H2S 0.01 PPM

-22-

2.5

3.0

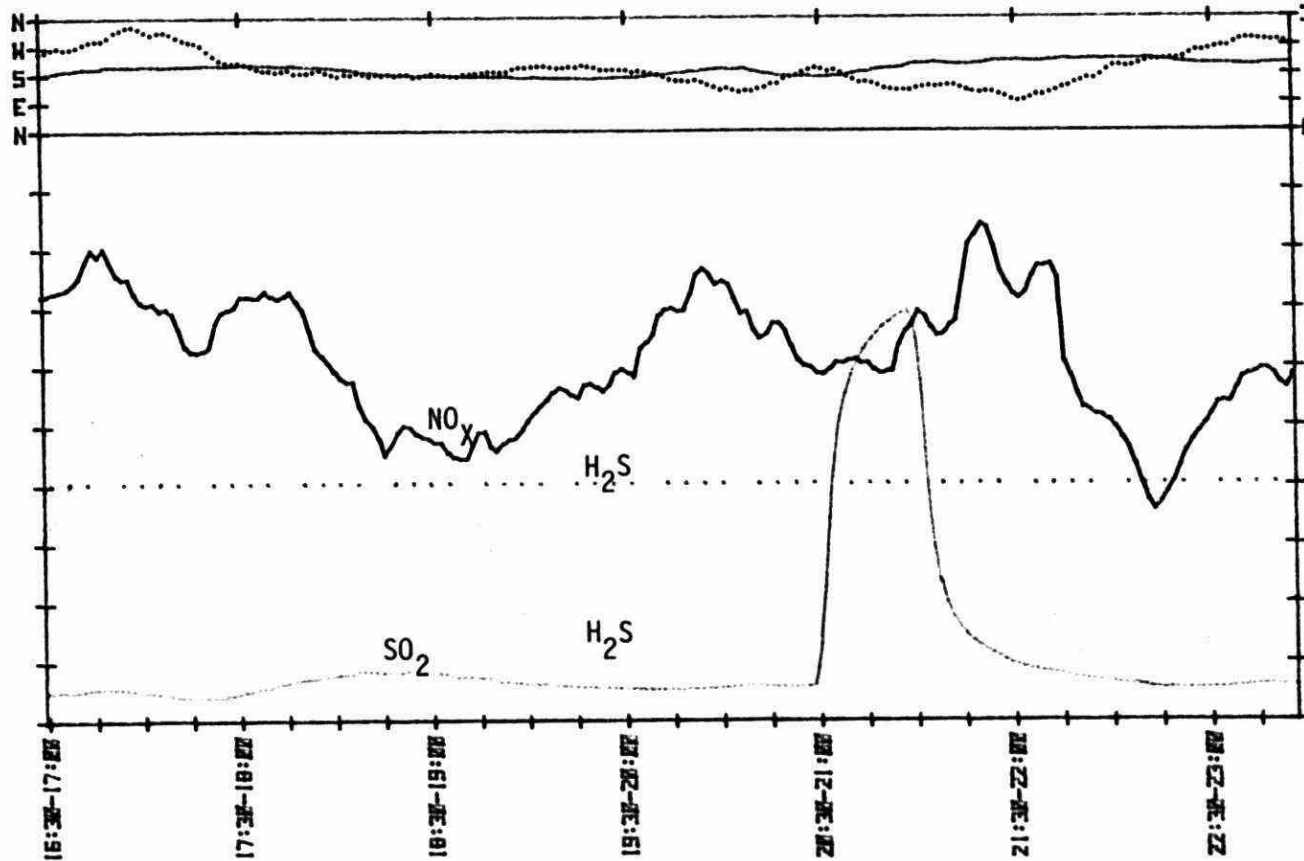
2.5

1.5

0.5

NOX

SO2



TIME

THUNDER BAY #40

23:30 AUG 21 1978

SCAN= 90

SEC

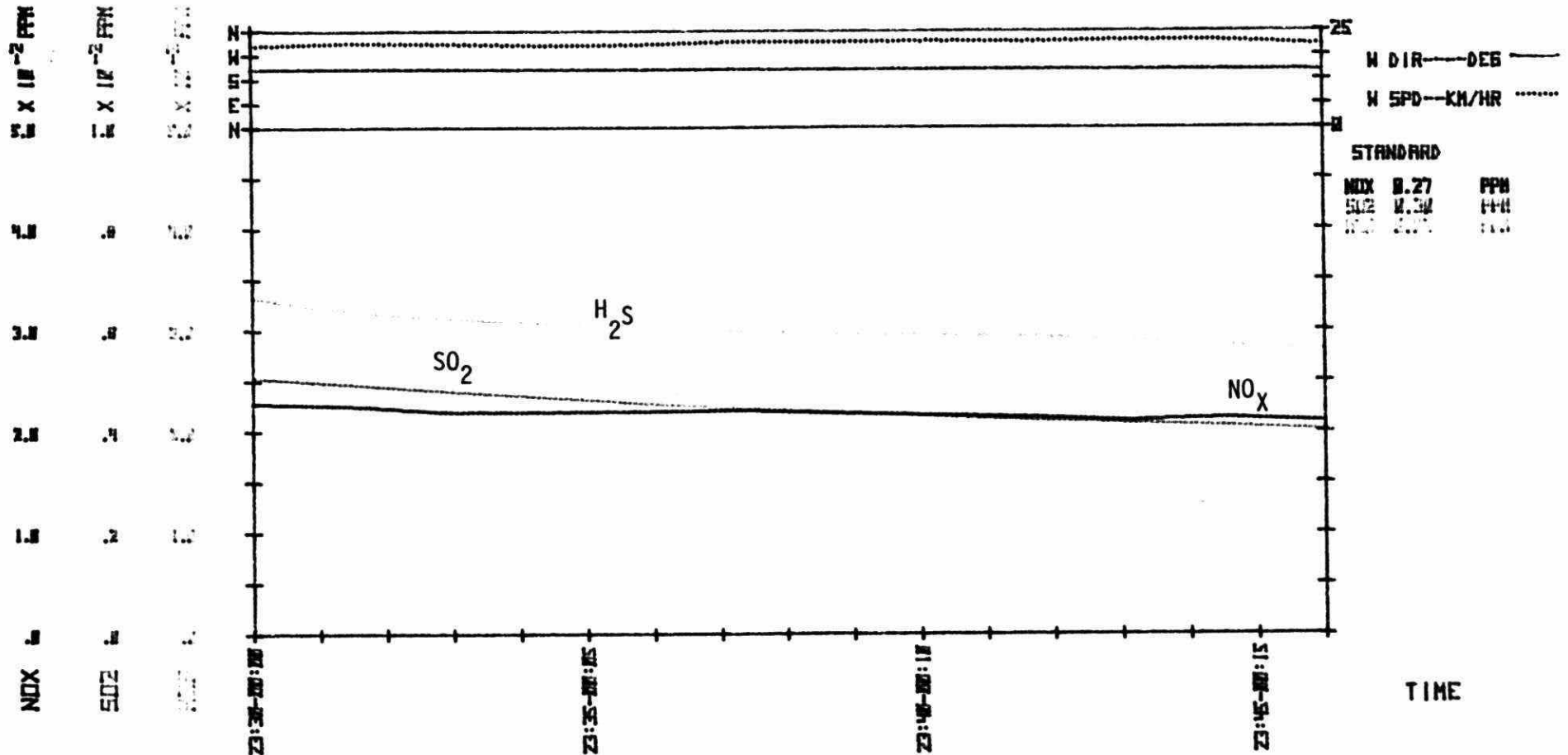
AVE= 30

MIN

CNRN MONTREAL & NEEBING (32915-53583); 1.0KM & 000065/SRC

0.000
24
91
988

SRAD W/CM2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #41

10:49 AUG 22 1978

SCAN= 60 SEC

AVE= 30 MIN

MT. MCKAY SKI HILL (32950-53560); 0.6KM @ 140055/5RC

0.029
20
77
997

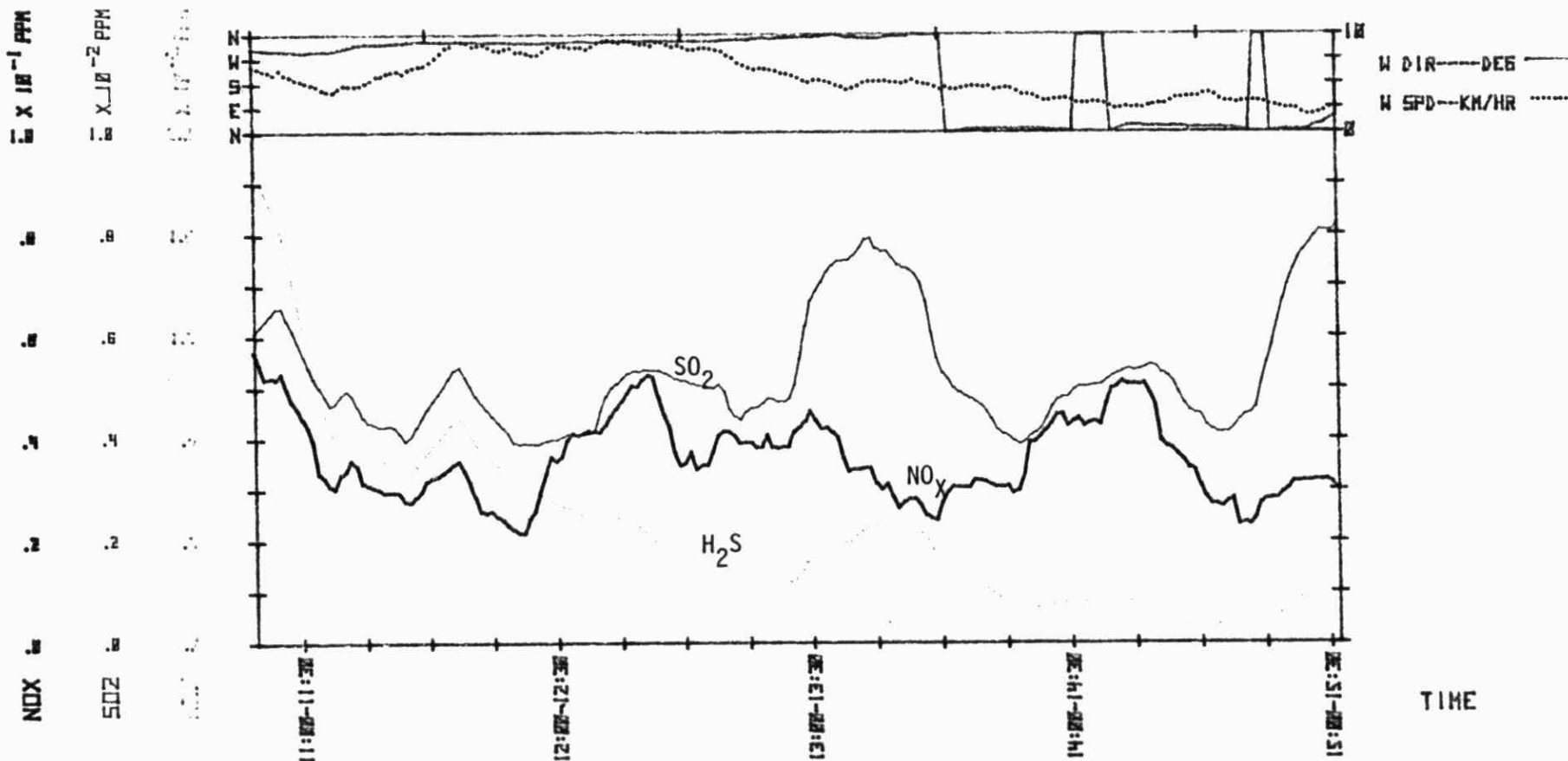
0.040
17
40
765

0.062
23
46
998

0.054
23
41
998

0.061
23
40
998

SRAD W/CM2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #43

11:00 AUG 23 1978

SCAN= 60

SEC

AVE= 30

MIN

VICKERS ST, 1KM S BROADWAY (32718-53572); 2.1KM & 260065/5HC

0.003
12
100
993

0.010
12
100
992

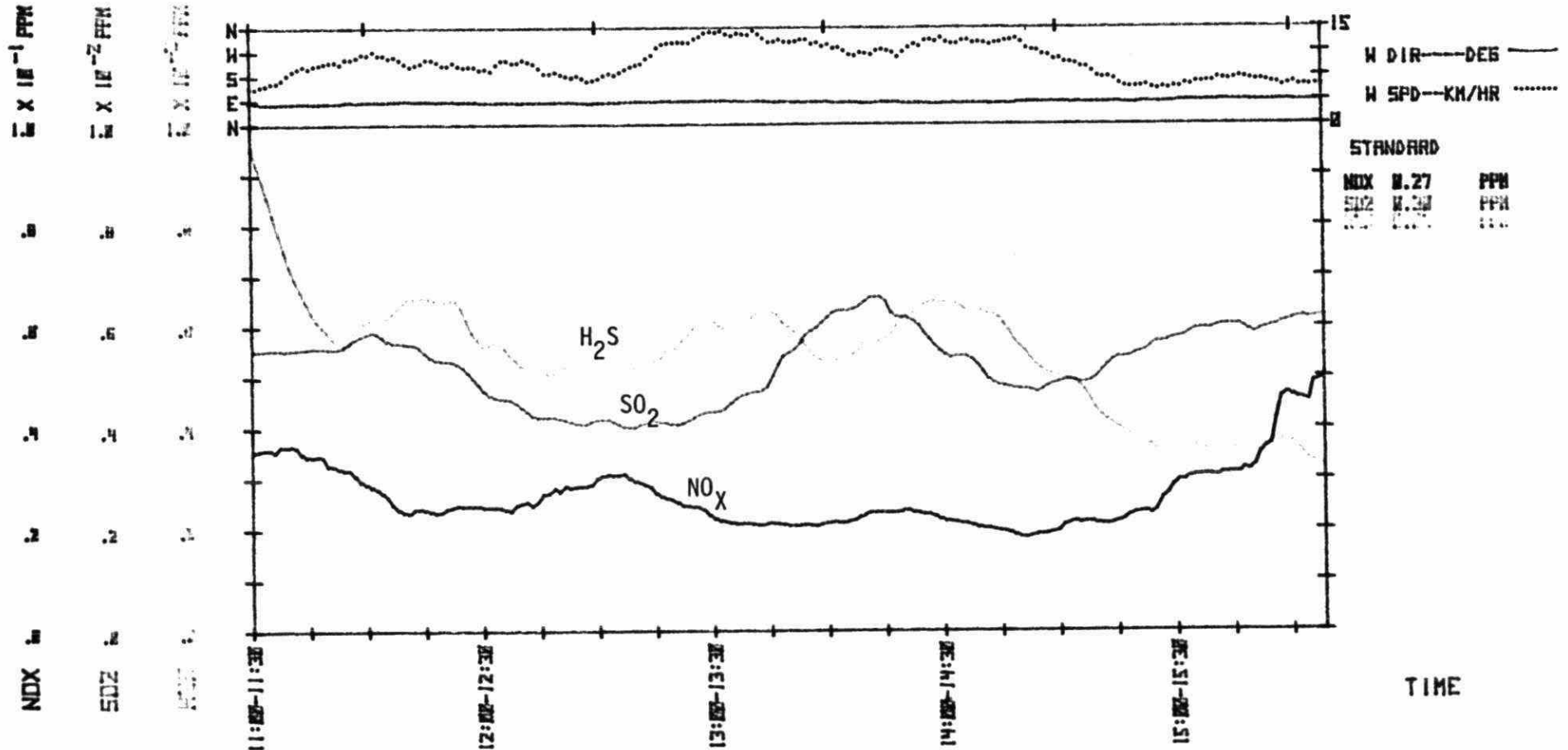
0.008
12
100
991

0.011
12
100
991

0.008
12
100
992

0.008
13
100
992

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES HBAR



THUNDER BAY #45

11:24 AUG 24 1978

SCAN= 150 SEC

AVE= 30 MIN

UPHIND, BKED DANTHIN-HILES WAY ST. (33375-53614); 7KM & 045

0.020
15
100
996

0.023
15
100
996

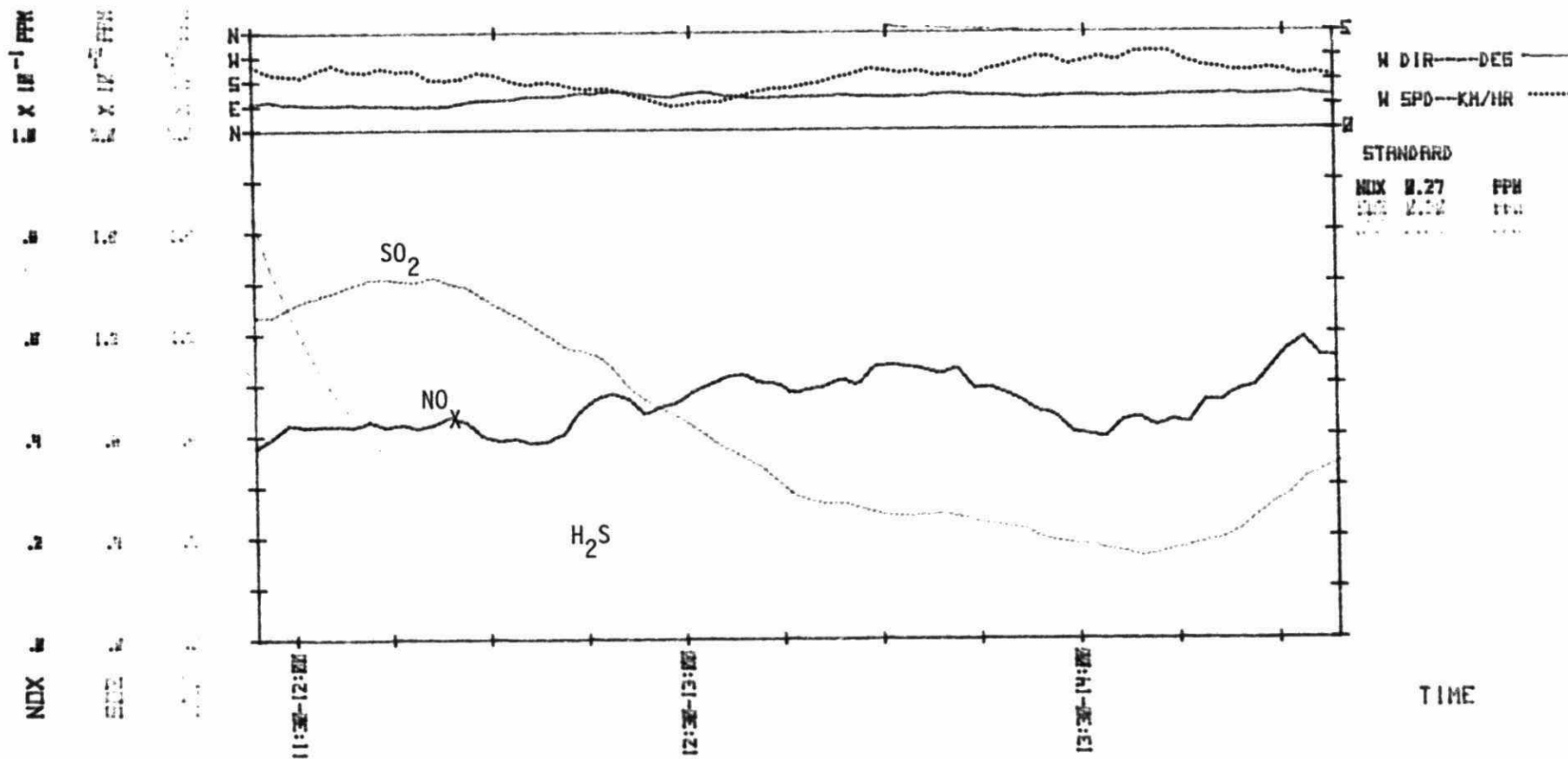
0.018
15
100
996

0.022
15
100
997

0.022
15
100
997

0.027
16
100
997

SRAO W/CH2
TEMP DEG C
HUM % REL
PRES HEAR



THUNDER BAY #50

23:28 AUG 25 1978

SCAN= 60 SEC AVE= 30 MIN

NEEBING & MONTEAL ST. (32915-53593); 0.6KM @ 020055/SRC

0.000
14
100
992

0.000
14
100
992

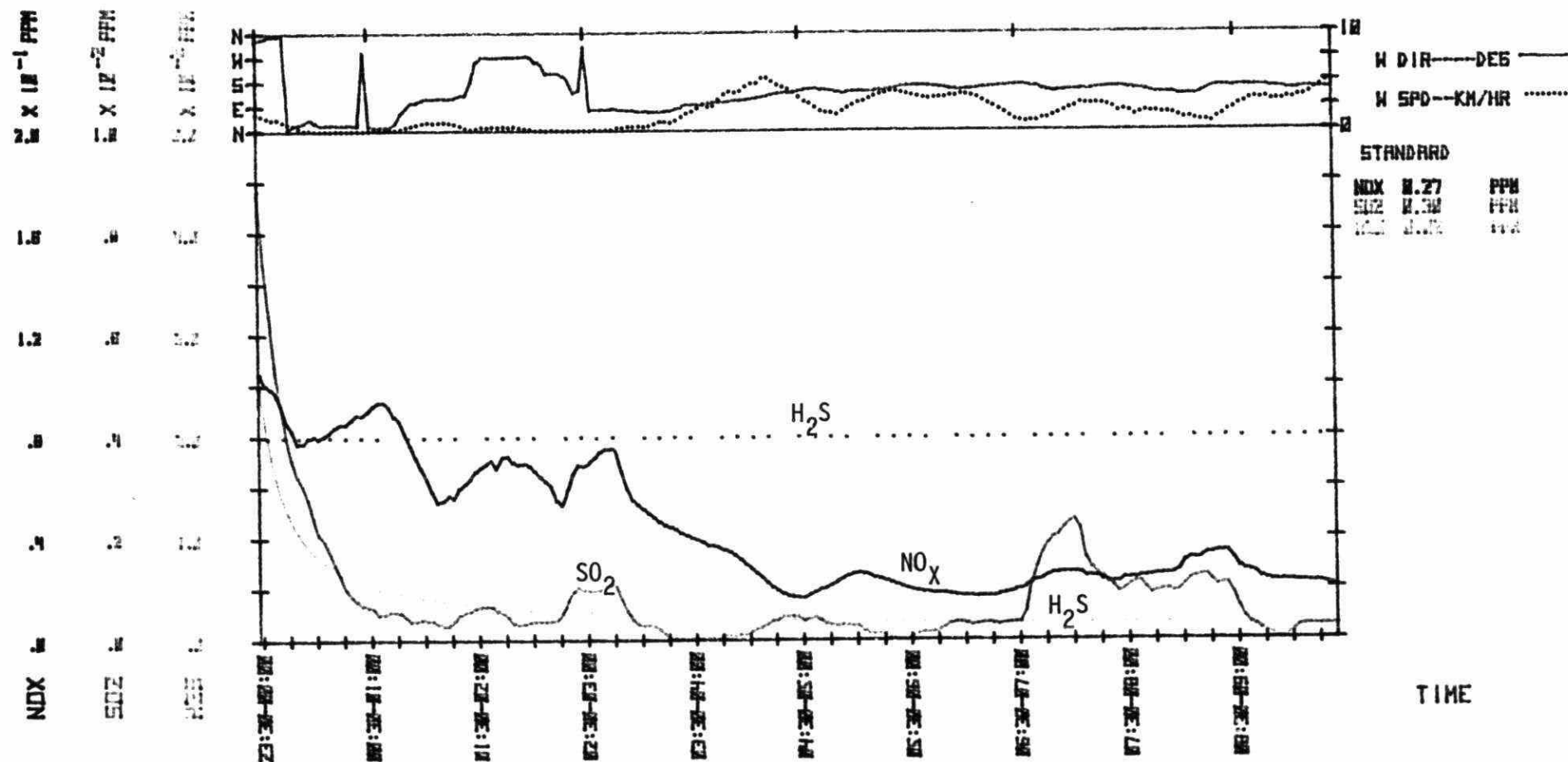
0.000
14
100
992

0.000
13
100
993

0.000
14
100
994

0.003
14
100
995

SRAD W/CM2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #53

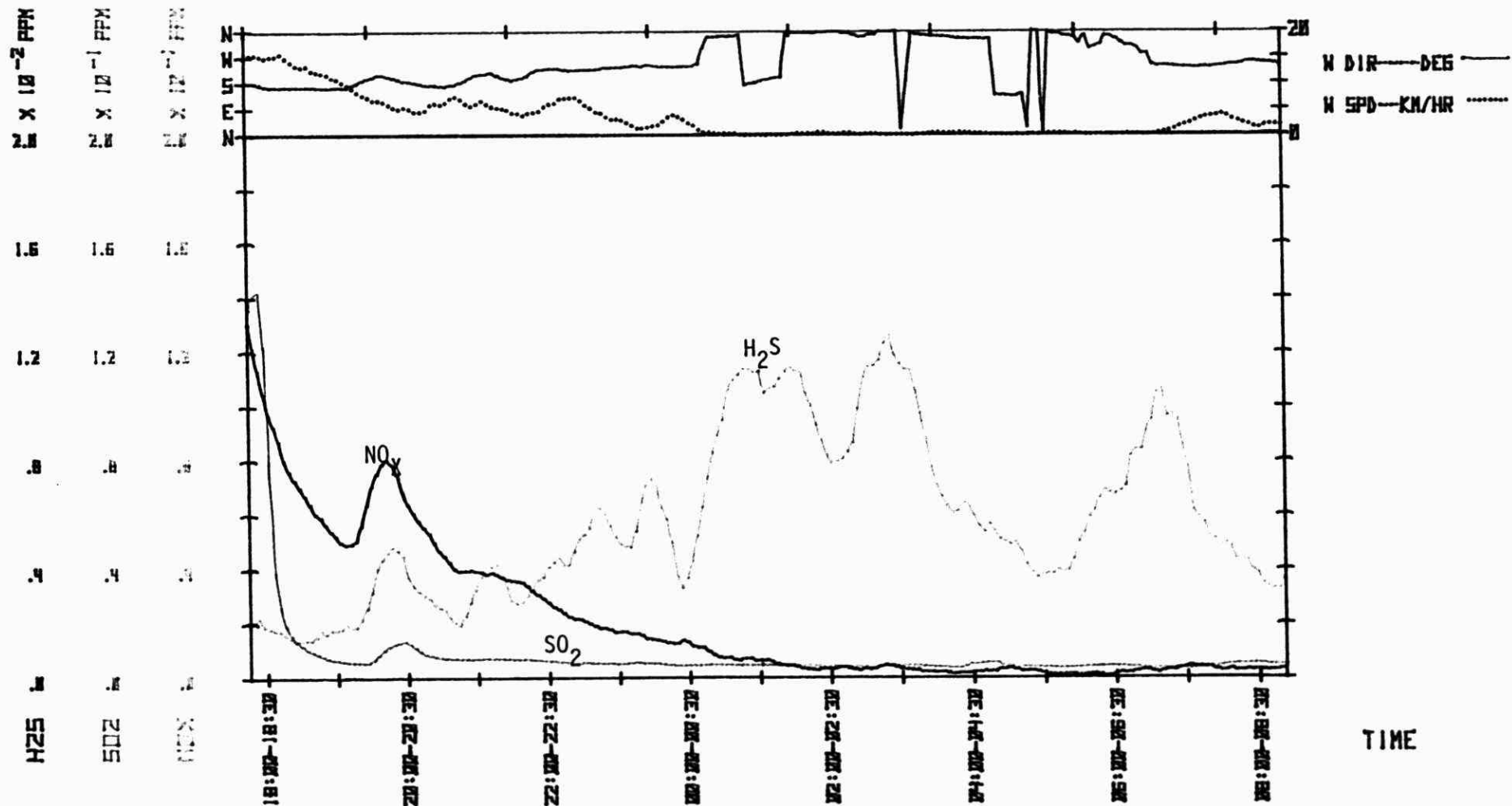
17:45 SEP 3 1978

SCAN= 150 SEC

AVE= 30 MIN

MONTREAL & NEEBING STS. (32815-53583); 1.0KM & 005065/SRC

0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.002	SRAD	W/CM2
21	18	14	13	11	10	11	12	TEMP	DEG C
65	68	100	100	100	100	100	100	HUM	% REL
996	995	994	993	992	992	991	991	PRES	MBAR



THUNDER BAY #54

15:58 SEP 4 1978

SCAN= 150 SEC

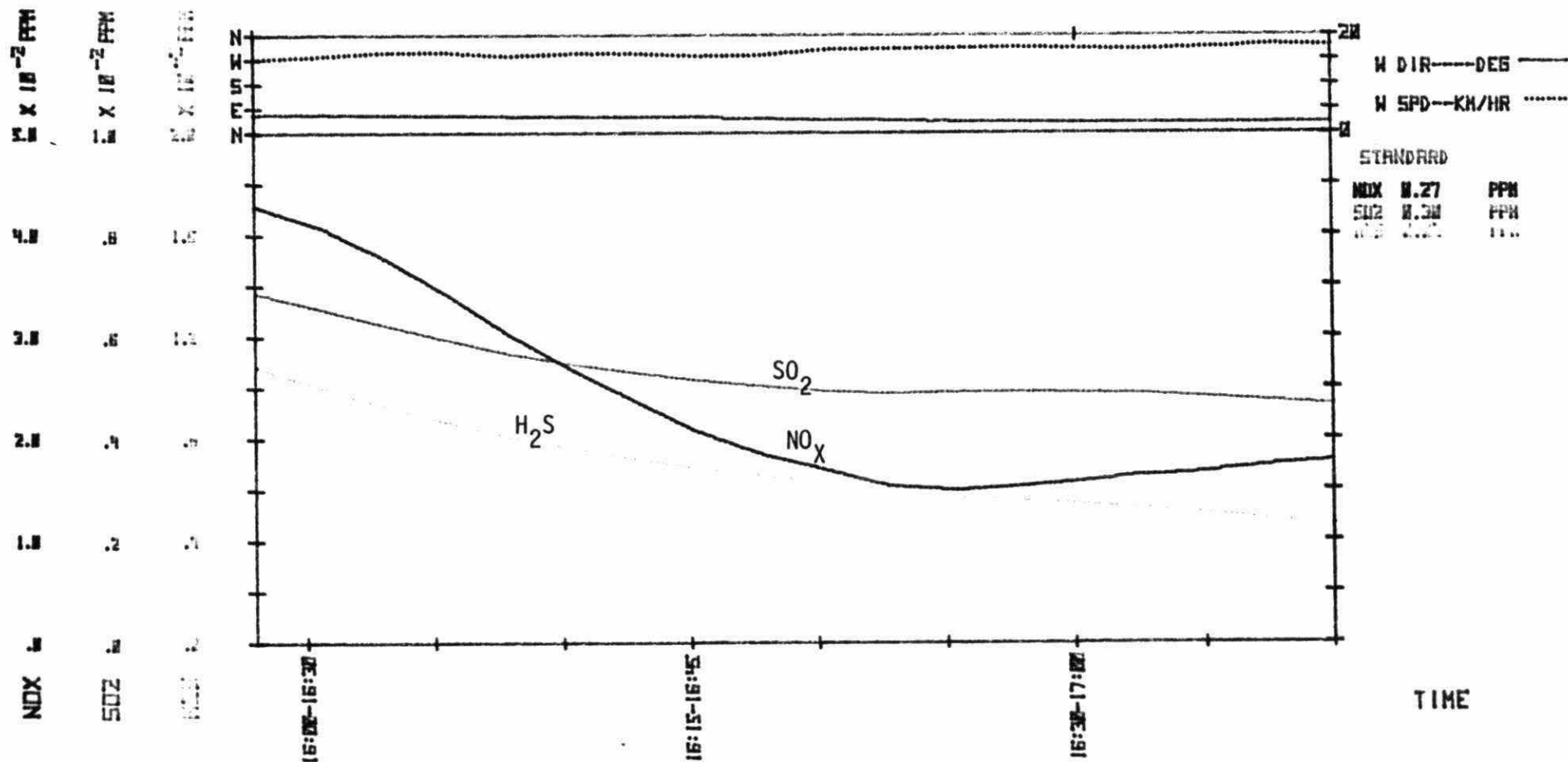
AVE= 30 MIN

BROADWAY AVE(32900-53500); 0.1KM & 000065/SRC

0.020
20
60
990

0.020
25
100
990

SRAD W/CM2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #55

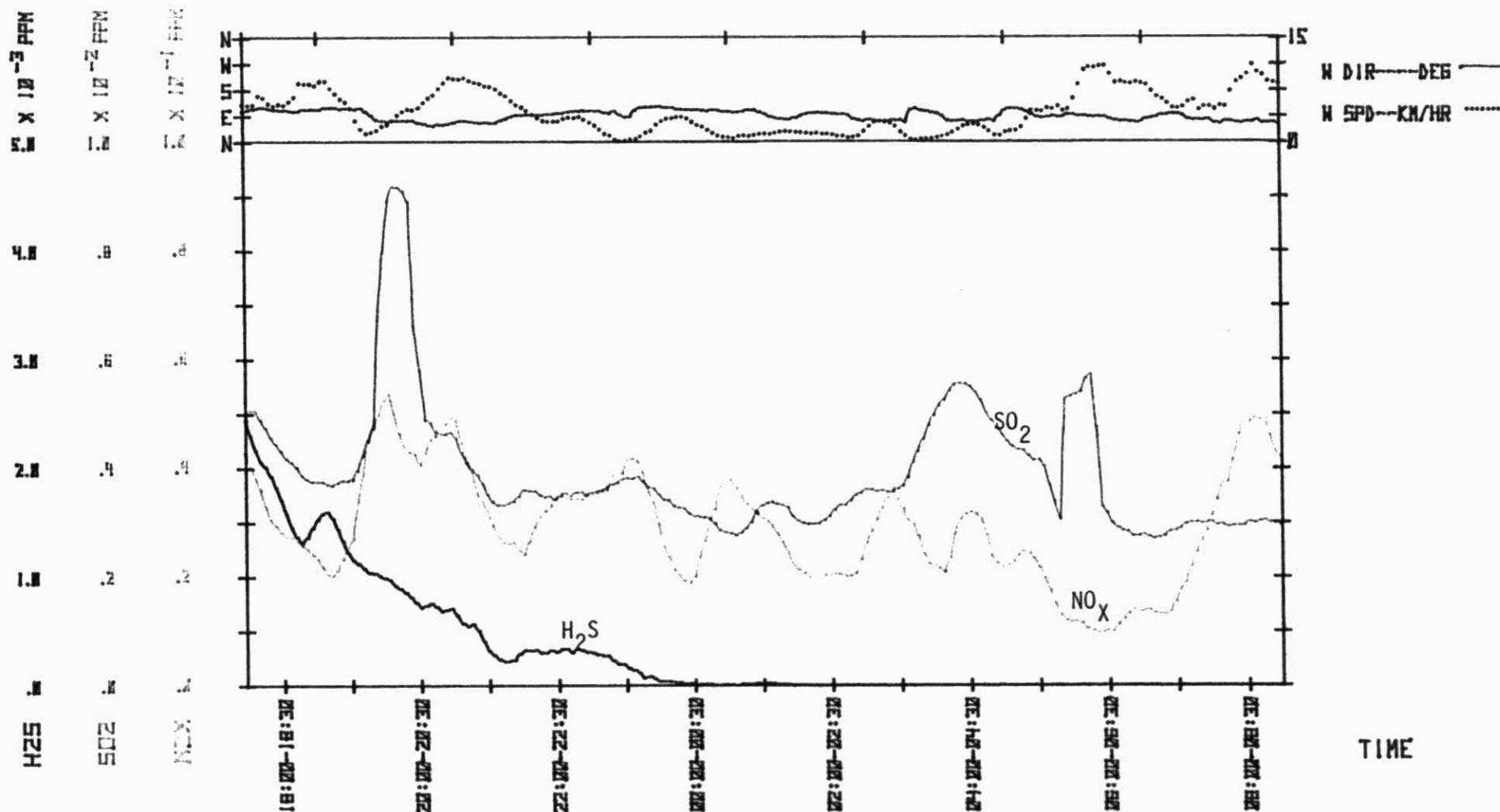
17:27 SEP 4 1978

SCAN= 150 SEC

AVE= 30 MIN

M.O.E. LAB(33030-53600); 3.0KM & 0.30065/SRC

0.020	0.009	0.000	0.000	0.000	0.000	0.000	0.000	SRAD	W/CH2
23	23	20	18	18	17	16	16	TEMP	DEG C
100	100	100	100	100	100	100	100	HUM	% REL
991	992	992	993	993	993	993	992	PRES	KBAR



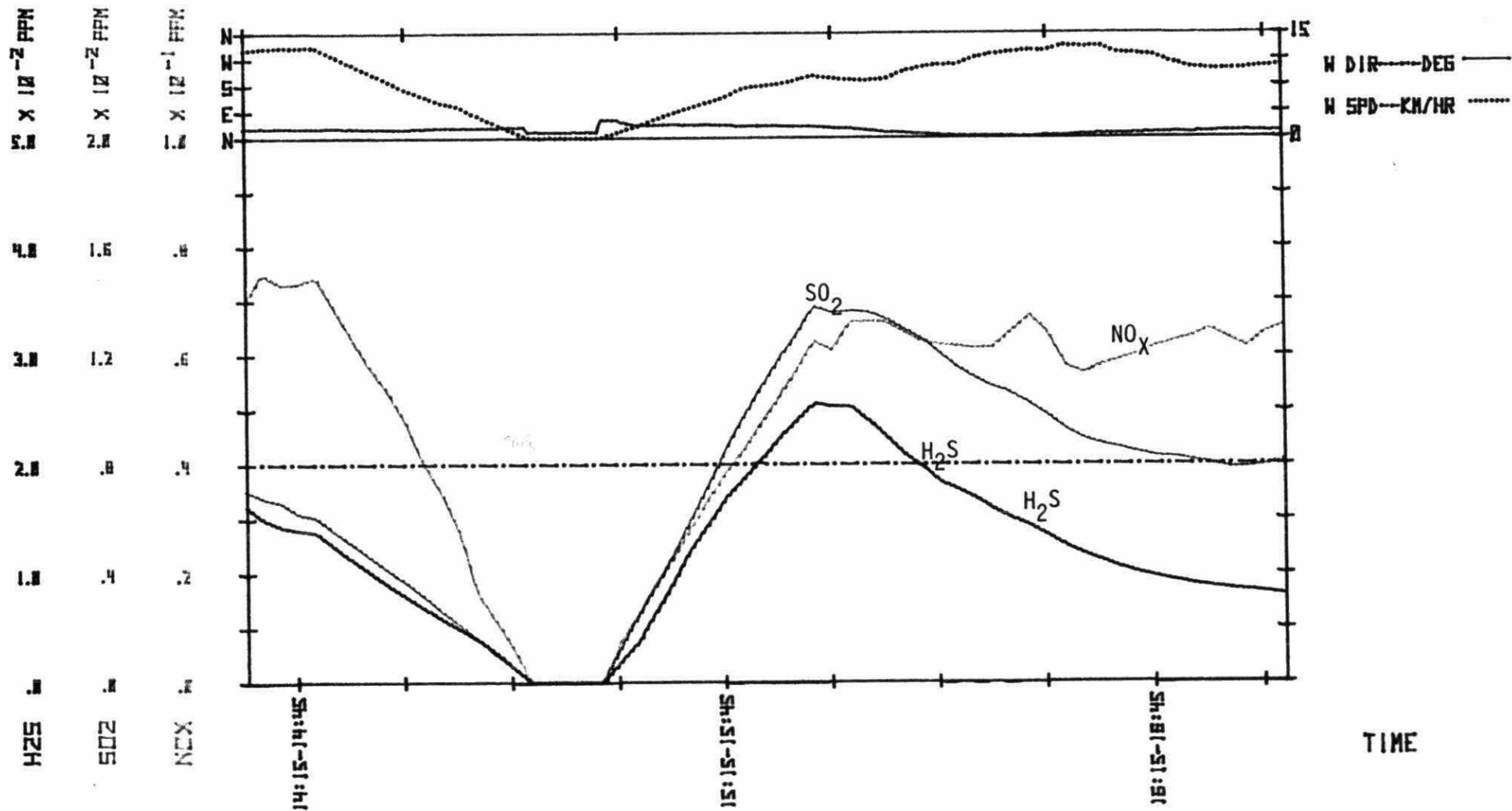
THUNDER BAY #56

14:00 SEP 5 1978

SCAN= 150 SEC AVE= 30 MIN

HWY #61, 0.2KM S OF BROADWAY(32830-53578); 0.7KM @ 270DEG/SEC

0.029	0.018	0.003	0.038	0.047	0.041	SRAD	W/CM2
21	12	2	23	24	24	TEMP	DEG C
100	58	8	100	100	100	HUM	% REL
987	576	82	987	986	986	PRES	MBAR



N END MEVYLE AVE, VICKER'S HTS(32810-53585); 1.0KM & 324065/59C

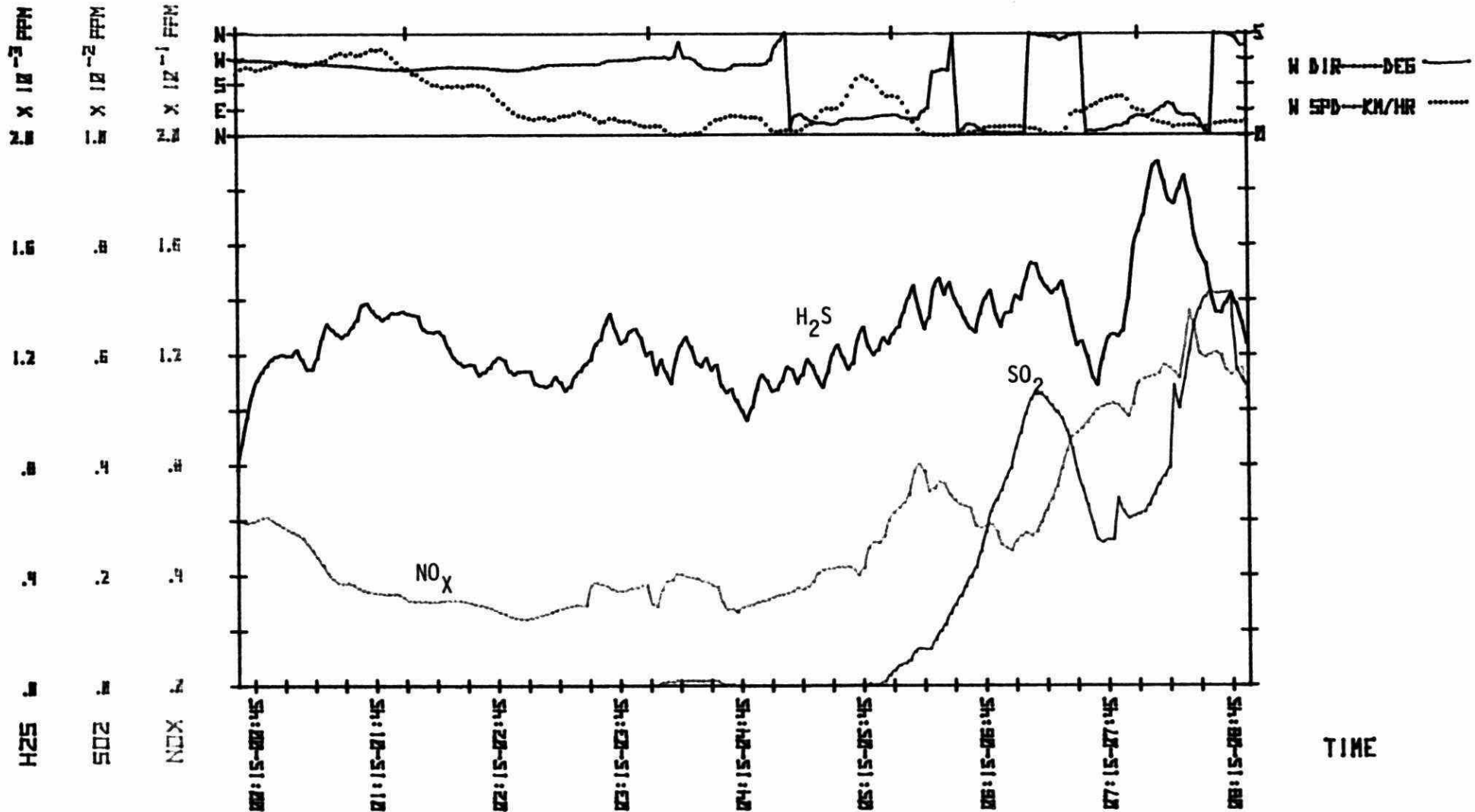
SRAD	W/CHZ
TEMP	DEG C
FRES	MBHR



THUNDER BAY #58

08:07 SEP 6 1978 SCAN= 90 SEC AVE= 30 MIN
STANLEY ST, N OF CAN (AR(32968-53588)); 1.4KM & 130065/SRC

0.000	0.000	0.000	0.000	0.000	SRAD	W/CM2
15	15	16	17	17	TEMP	DEG C
985	984	983	983	983	PRES	MBAR



THUNDER BAY #59

10:34 SEP 6 1978

SCAN= 150 SEC

AVE= 30 MIN

MONTREAL & NEEBING(32915-53583); 1.0KM & 005065/SRC

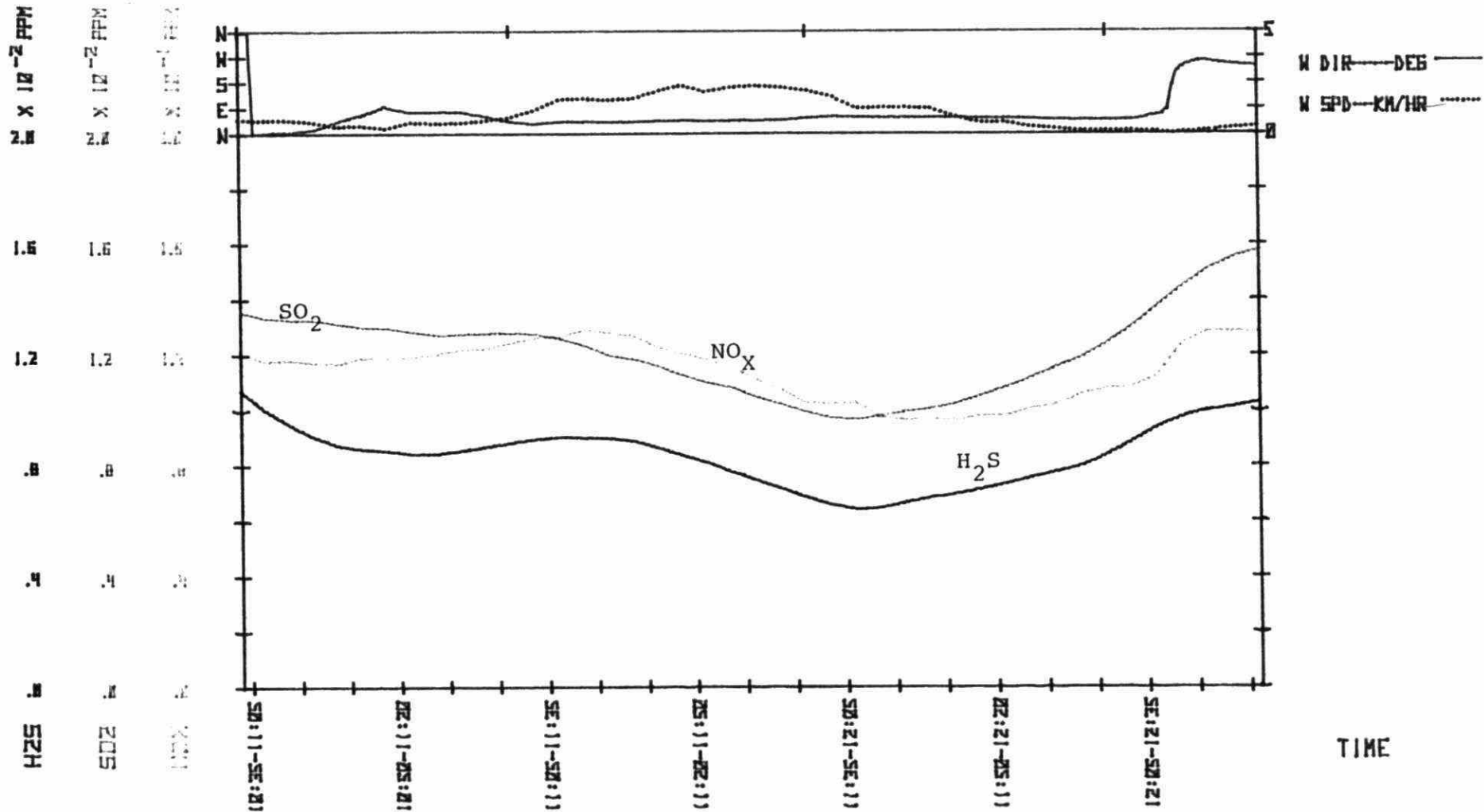
0.018
21
983

0.011
22
983

0.017
21
984

0.018
23
984

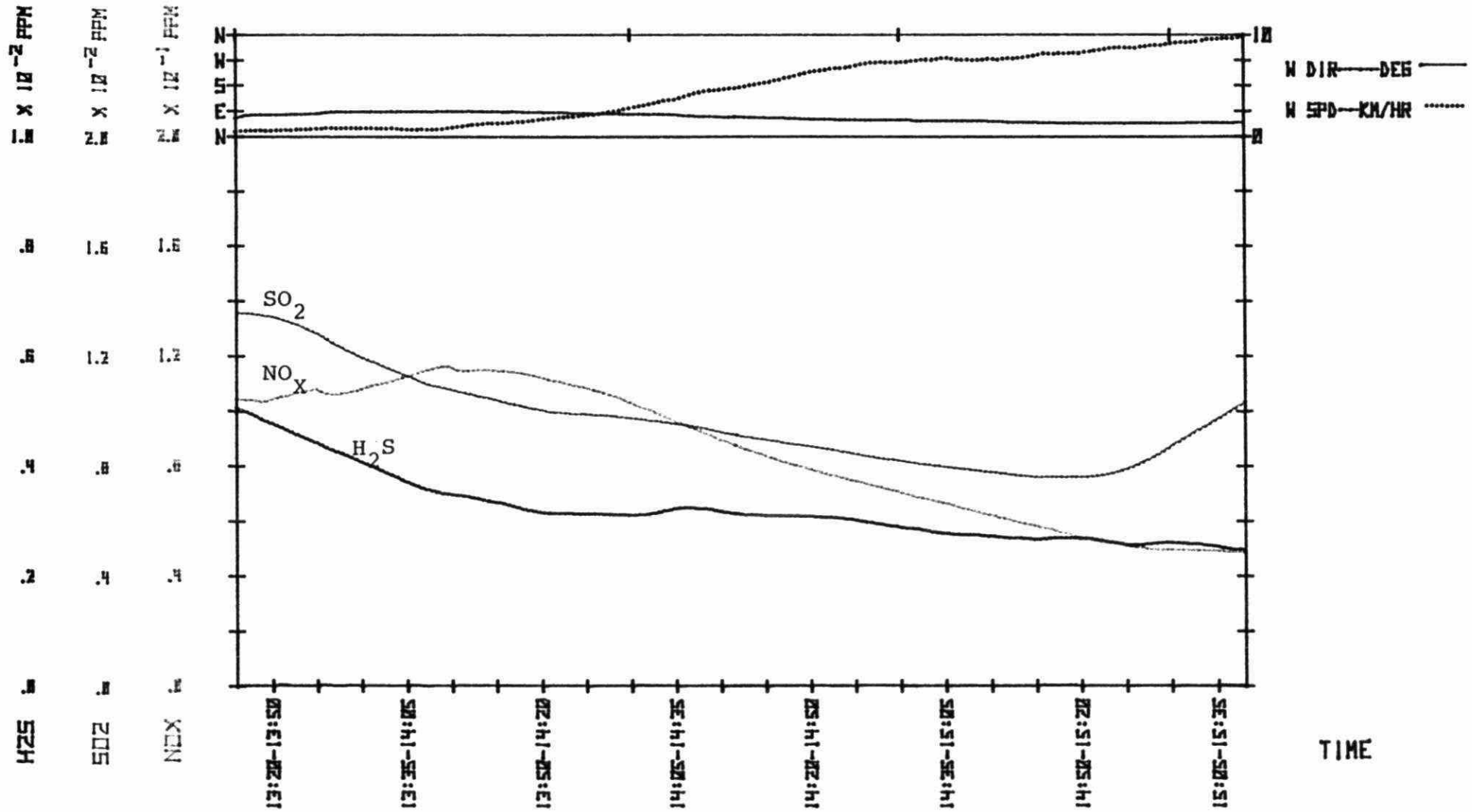
SRAD W/CM2
TEMP DEG C
PRES MBAR



THUNDER BAY #60

13:16 SEP 6 1978 SCAN= 60 SEC AVE= 30 MIN
GLPP PARK. LOT, CONCRETE FOOTINGS(32920-53579); 0.2KM & 085065/SRC

0.035	0.029	0.025	0.031	SRAD	W/CM2
28	28	27	27	TEMP	DEG C
983	984	984	984	PRES	MBAR



THUNDER BAY #61

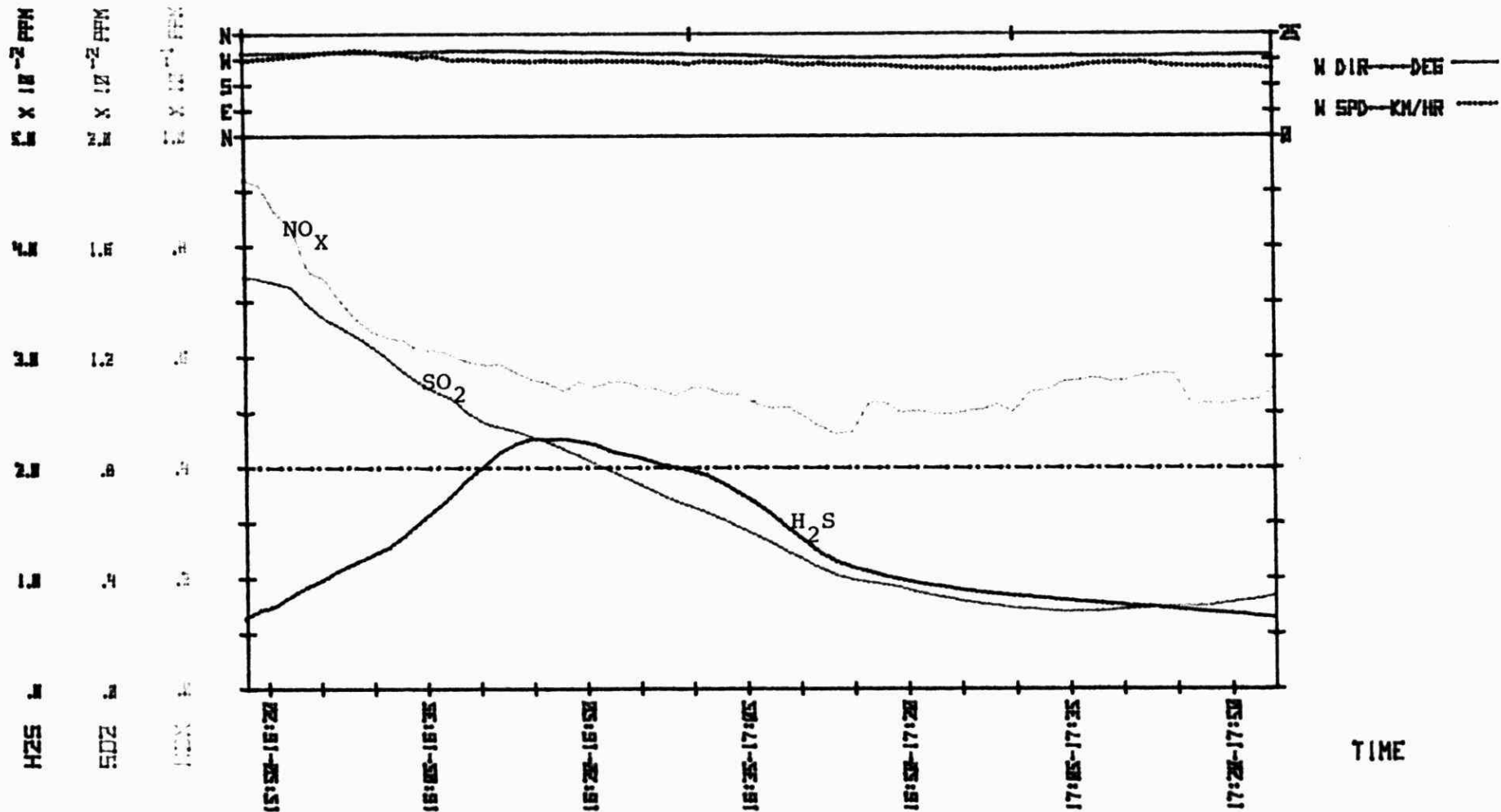
15:48 SEP 6 1978 SCAN= 98 SEC HVE= 30 MIN
 HWY 461, 0.4KM S OF BRIDGWAY(32830-53577); 0.7KM @ 260005/SEC

0.035
 26
 985

0.029
 23
 986

0.019
 22
 987

SRFD W/CM2
 TEMP DEG C
 PRES HBAR



THUNDER BAY #62

18:44 SEP 6 1978 SCAN= 80 SEC AVE= 30 MIN
 HWY 461, 0.2KM S OF BROADWAY(32830-53570); 0.7KM & 27MD65/5RC

0.012
 21
 987

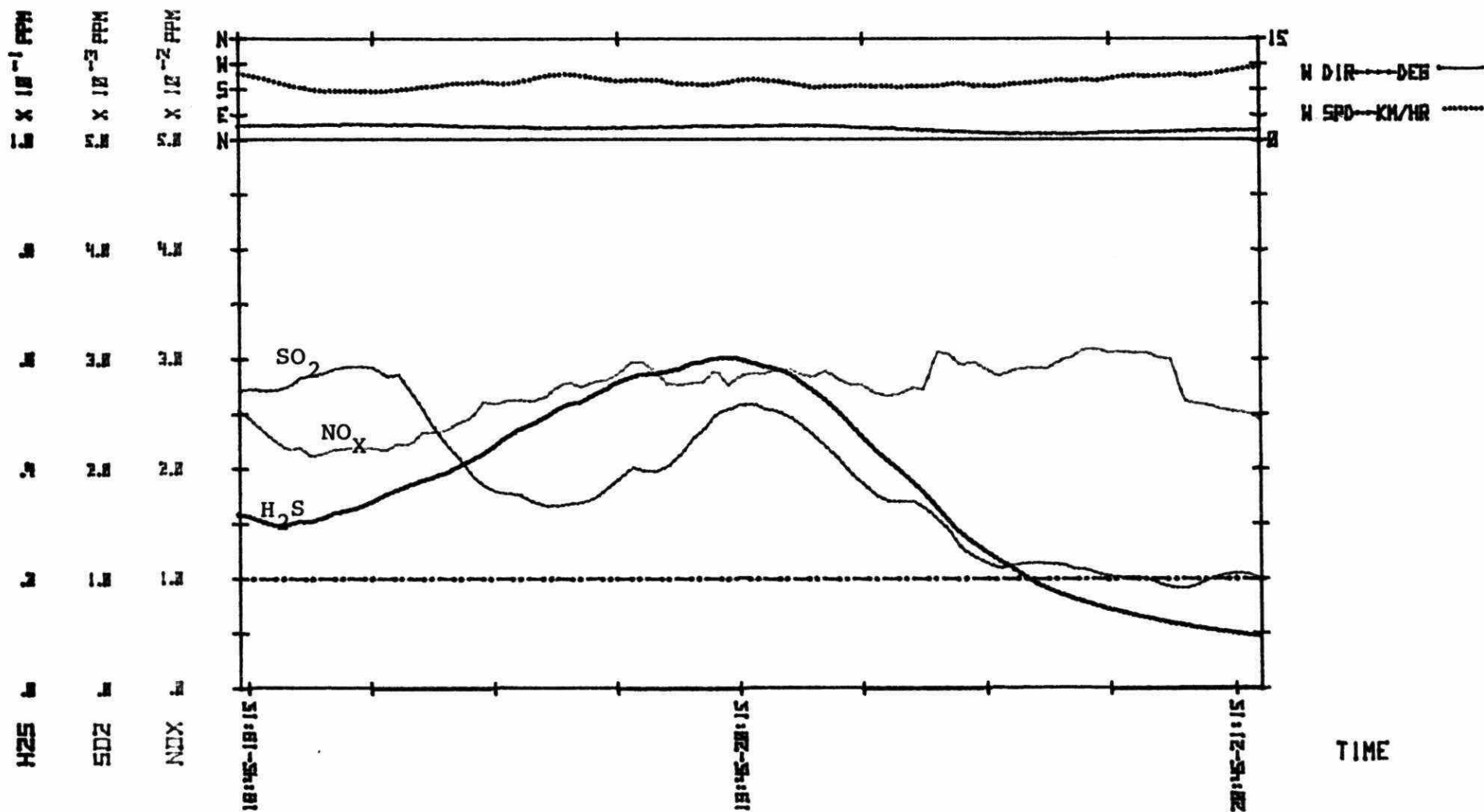
0.007
 21
 987

0.003
 20
 987

0.000
 19
 988

0.000
 19
 988

SRAD W/CH2
 TEMP DEG C
 PRES MBAR

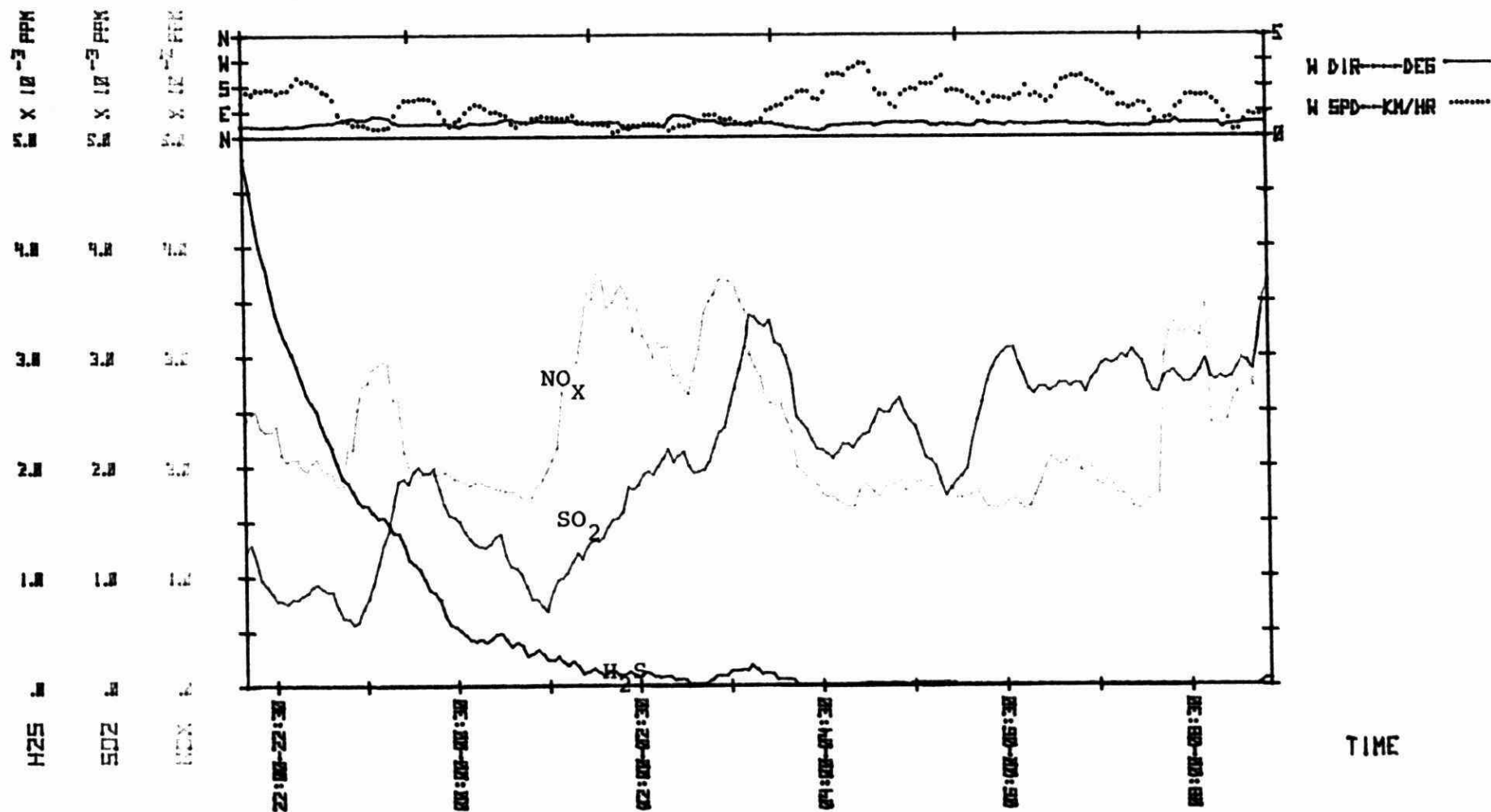


THUNDER BAY #63

21:40 SEP 6 1978 SCAN# 150 SEC AVE# 30 MIN
VICTOR ST, VICKER'S HTS(32700-53565); 2.0KM @ 230065/5RC

0.000	0.000	0.000	0.000	0.000	0.000
18	17	16	15	14	13
992	993	993	993	994	994

SRAD W/CH2
TEMP DEG C
PRES MBAR



THUNDER BAY #64

10:50 SEP 7 1978 SCAN= 90 SEC AVE= 30 MIN

HAY #61, 0.2KM S OF BROADWAY(32830-53578); 0.7KM & 270DEG/SEC

0.005
13
100
993

0.005
13
100
993

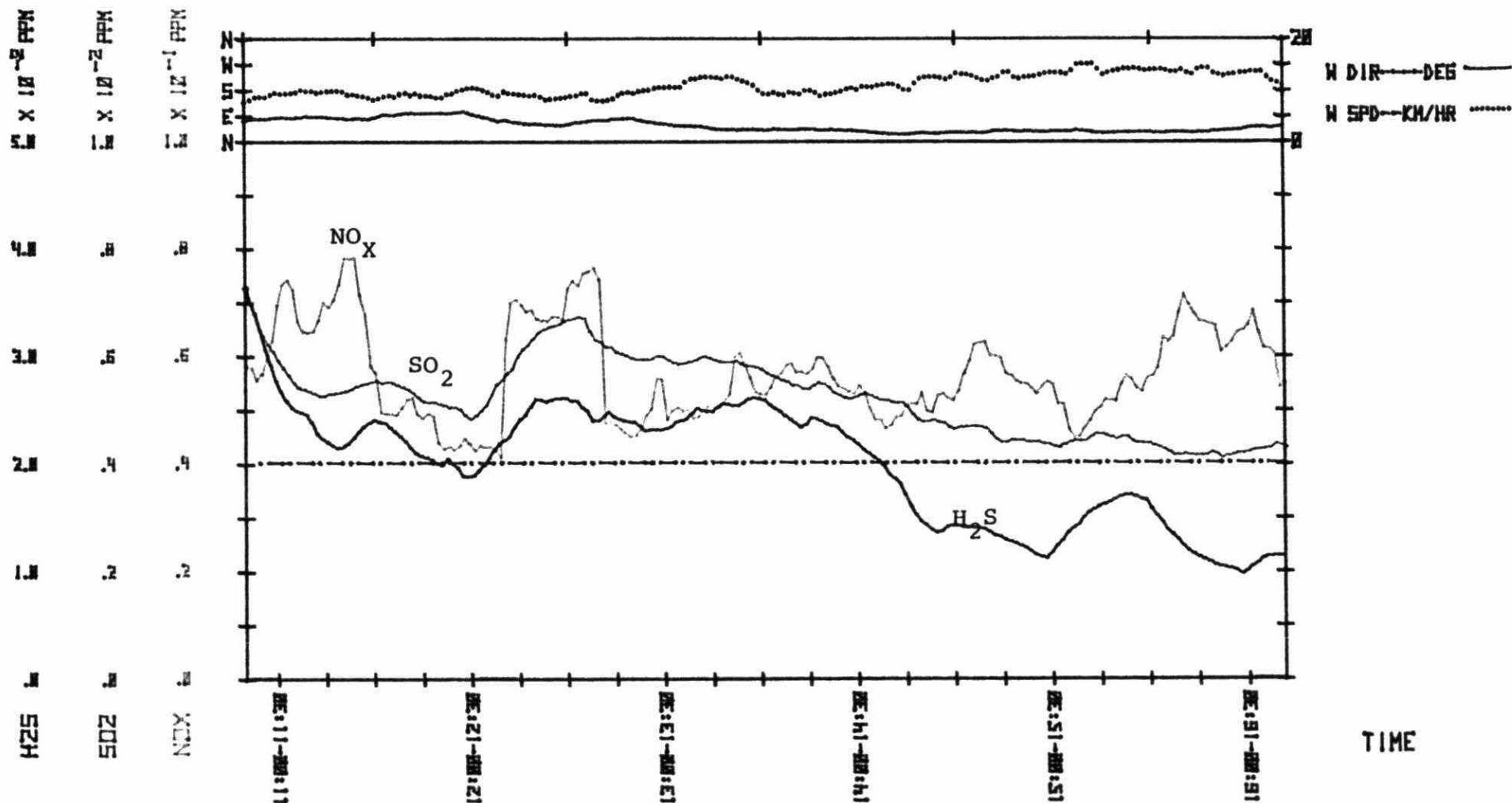
0.005
13
100
993

0.007
13
100
993

0.006
13
100
993

0.007
13
100
993

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #66

20:05 SEP 7 1978

SCAN= 90 SEC

AVE= 30 MIN

BROADWAY, CEMETERY GATES (32820-53500); 0.8KM @ 280065/50C

0.000
13
100
992

0.000
13
100
993

0.000
14
100
993

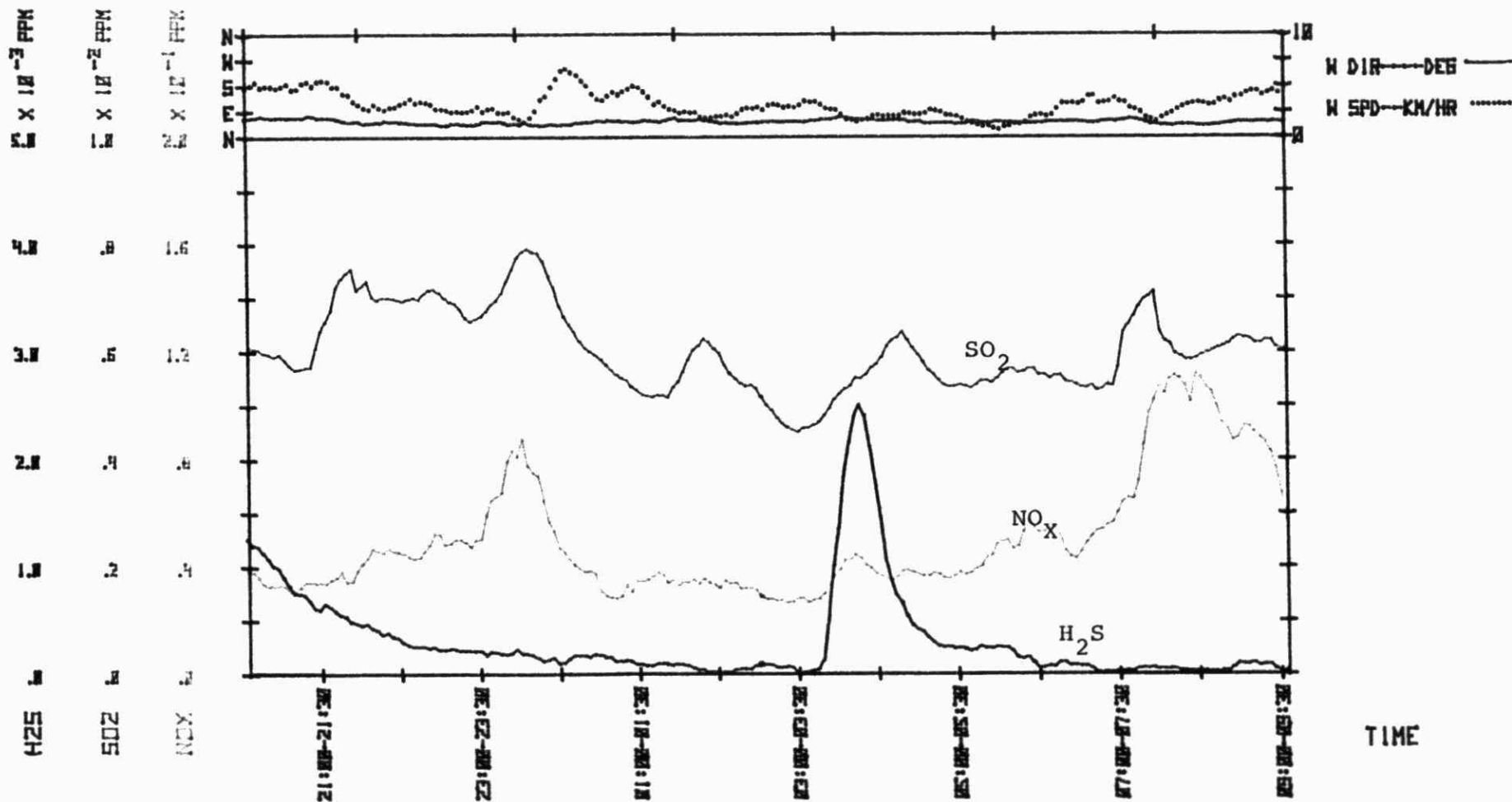
0.000
13
100
993

0.000
14
100
992

0.000
14
100
992

0.001
14
100
992

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #67

18:14 SEP 8 1978

SCAN= 98

SEC

AVE= 30

MIN

Hwy #61, 0.1KM S OF BROADWAY(32838-53579); 0.7KM @ 270055/SRC

0.017
15
100
994

0.019
15
100
994

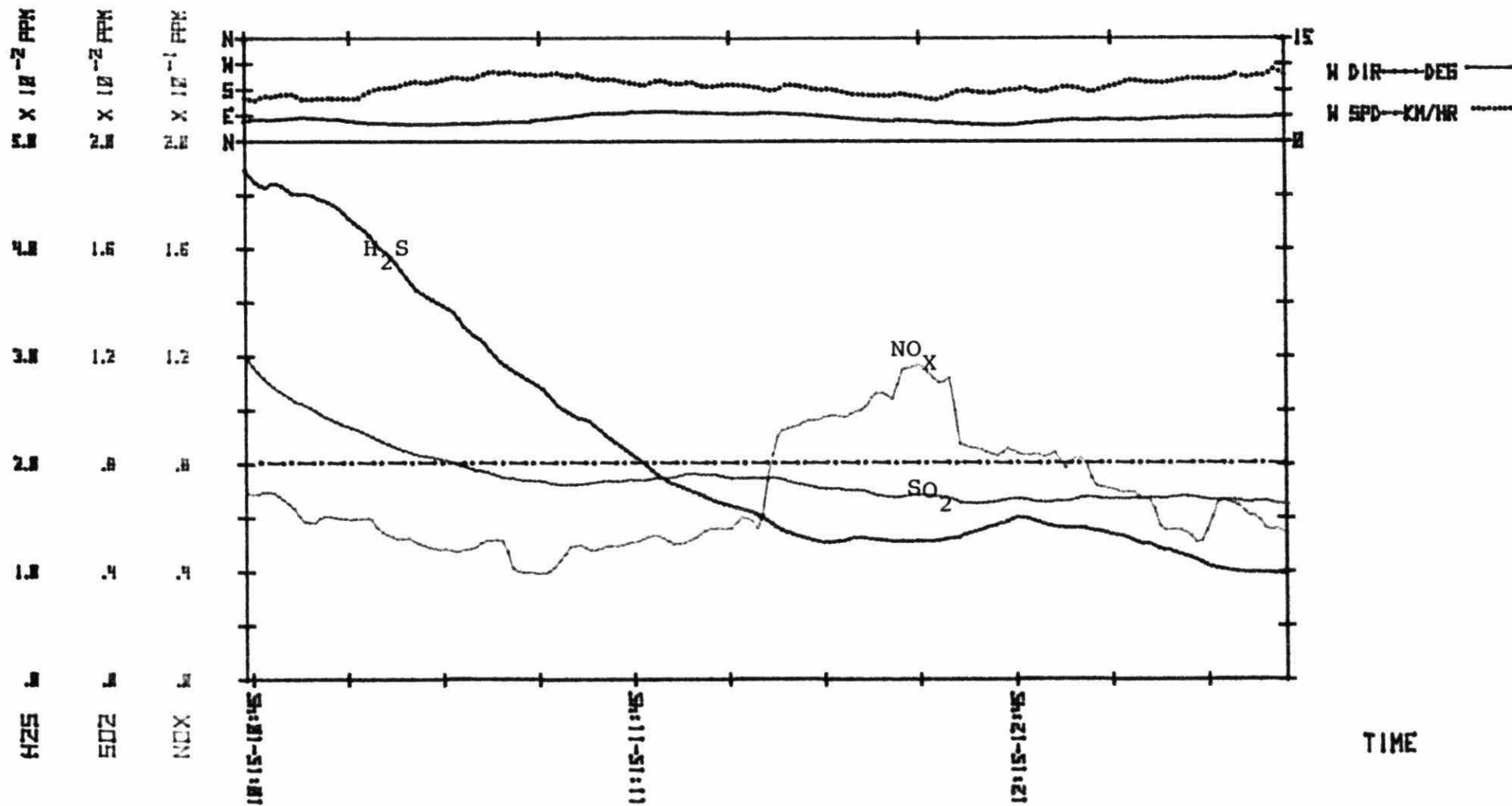
0.020
16
100
994

0.020
16
100
994

0.019
16
100
994

0.026
17
100
994

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #68

13:41 SEP 8 1978

SCN= 98

SEC

HVE= 30

MIN

HNY 461 & BROADWAY (32830-53500); 0.7KM & 200055/5RC

0.023
18
100
993

0.017
17
100
993

0.021
18
100
993

0.017
19
100
992

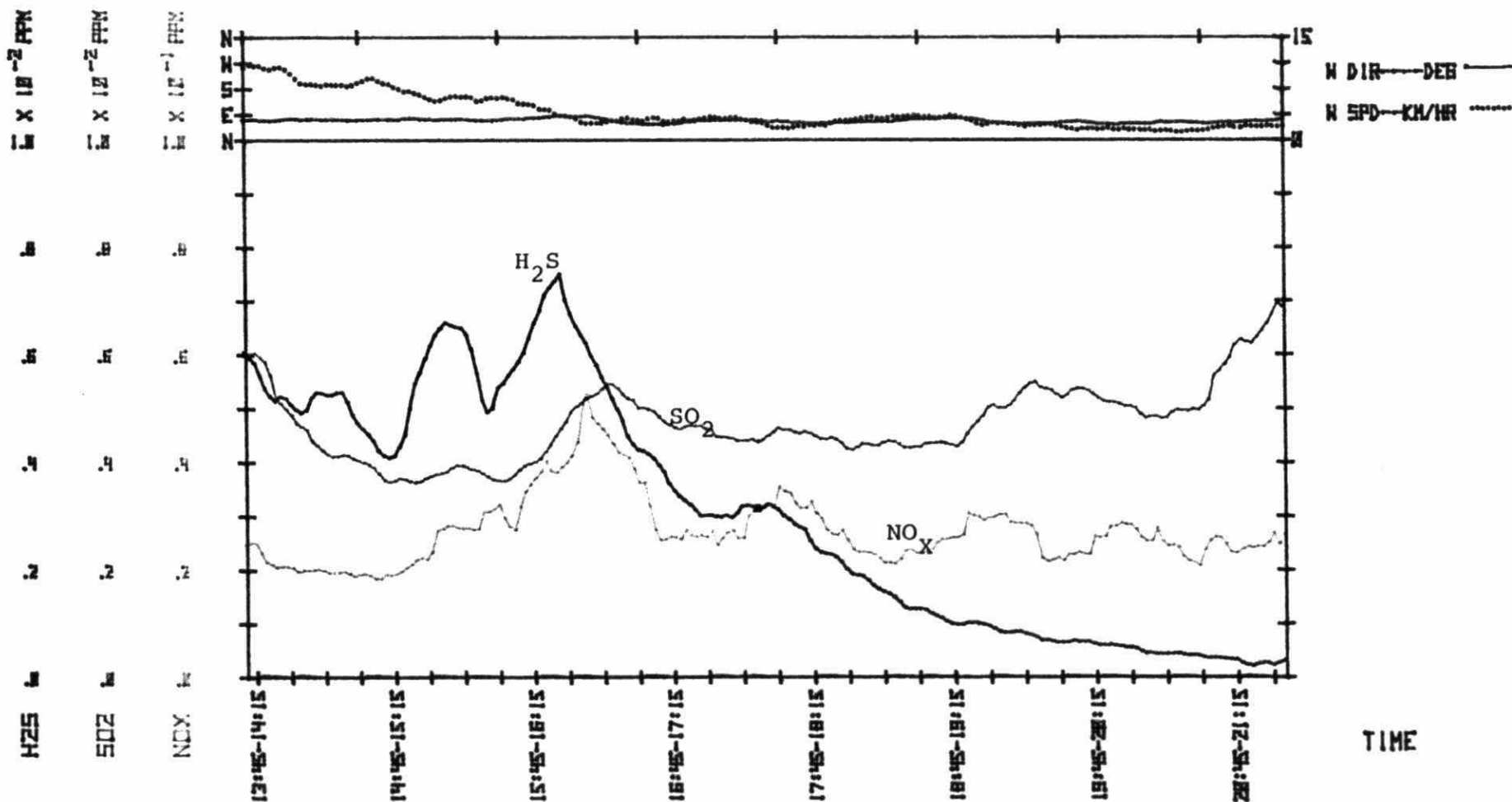
0.011
18
100
992

0.007
18
100
992

0.002
17
100
992

0.000
16
100
993

SRFD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #69

21:40 SEP 8 1978

5CM=150 SEC

AVE=30 MIN

NAV 061 & BROADWAY(3283M-5350M); 0.7KM & 2000E/50C

0.000
15
100
003

0.000
13
100
004

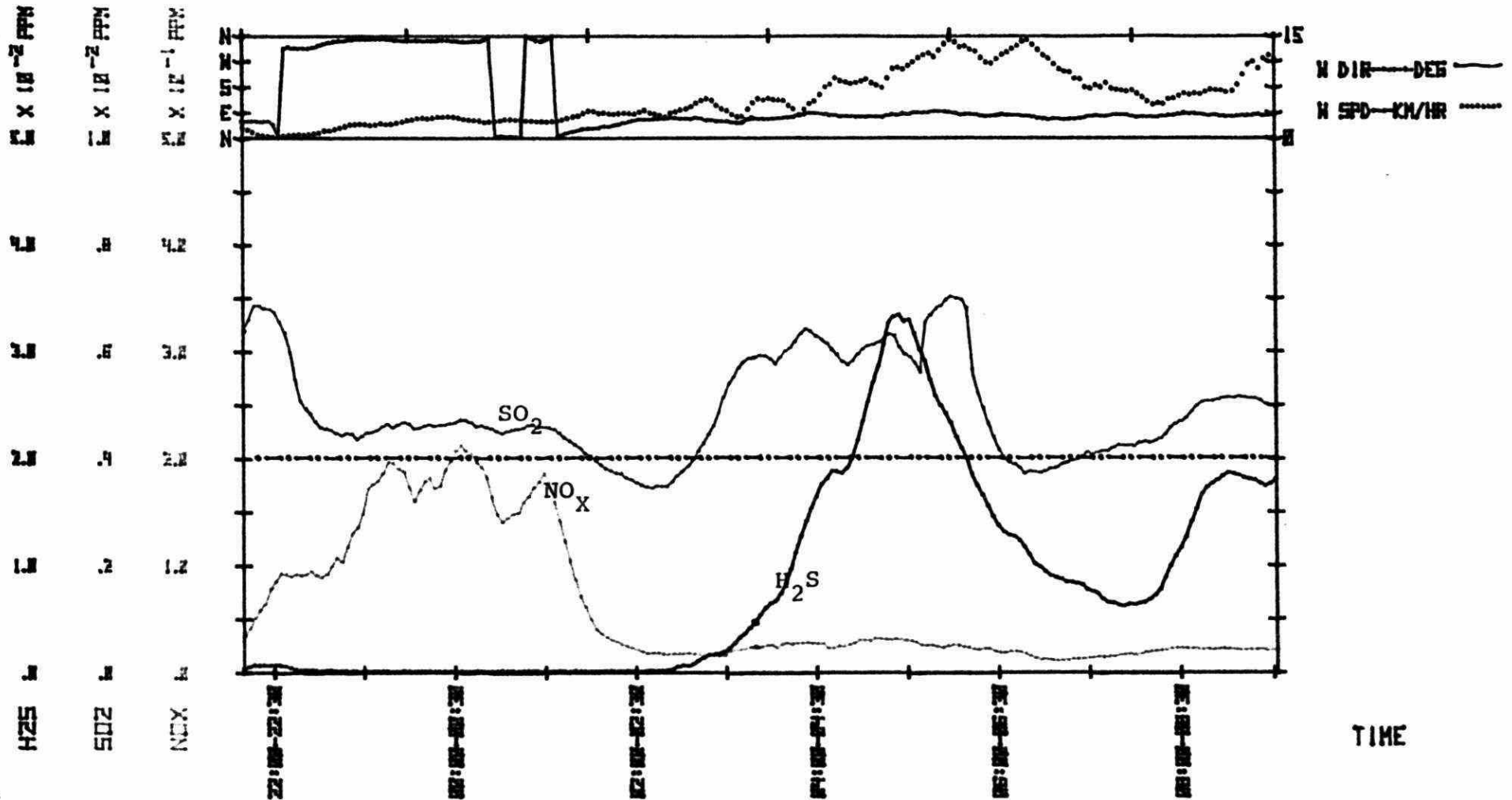
0.000
13
100
004

0.000
14
100
004

0.000
13
100
004

0.000
13
100
003

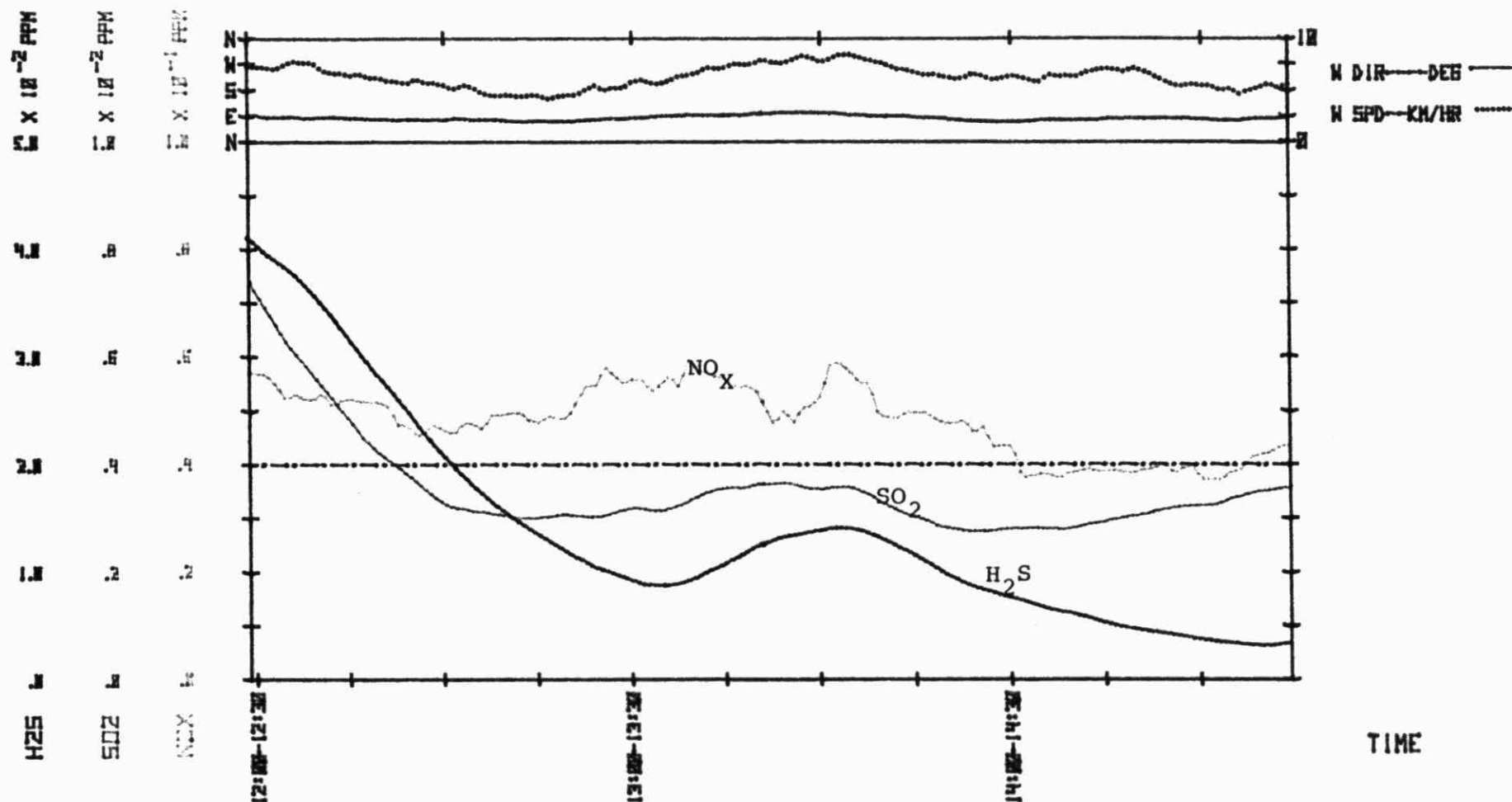
SEAS W/CM2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #70

11:53 SEP 9 1978 SCAN= 90 SEC= 30 AVE= 30 MIN
 HWY 461 & BROADWAY, CEMETERY (32820-53500); N. BKN & 280065/5RC

N.006	N.004	N.004	N.004	N.006	N.006	SRND	W/CH2
15	15	15	15	14	15	TEMP	DEG C
100	100	100	100	100	100	HUM	% REL
991	991	992	991	990	990	PRES	MBAR



THUNDER BAY #71

15:23 SEP 9 1978

SCAN= 98

SEC

AVE= 30

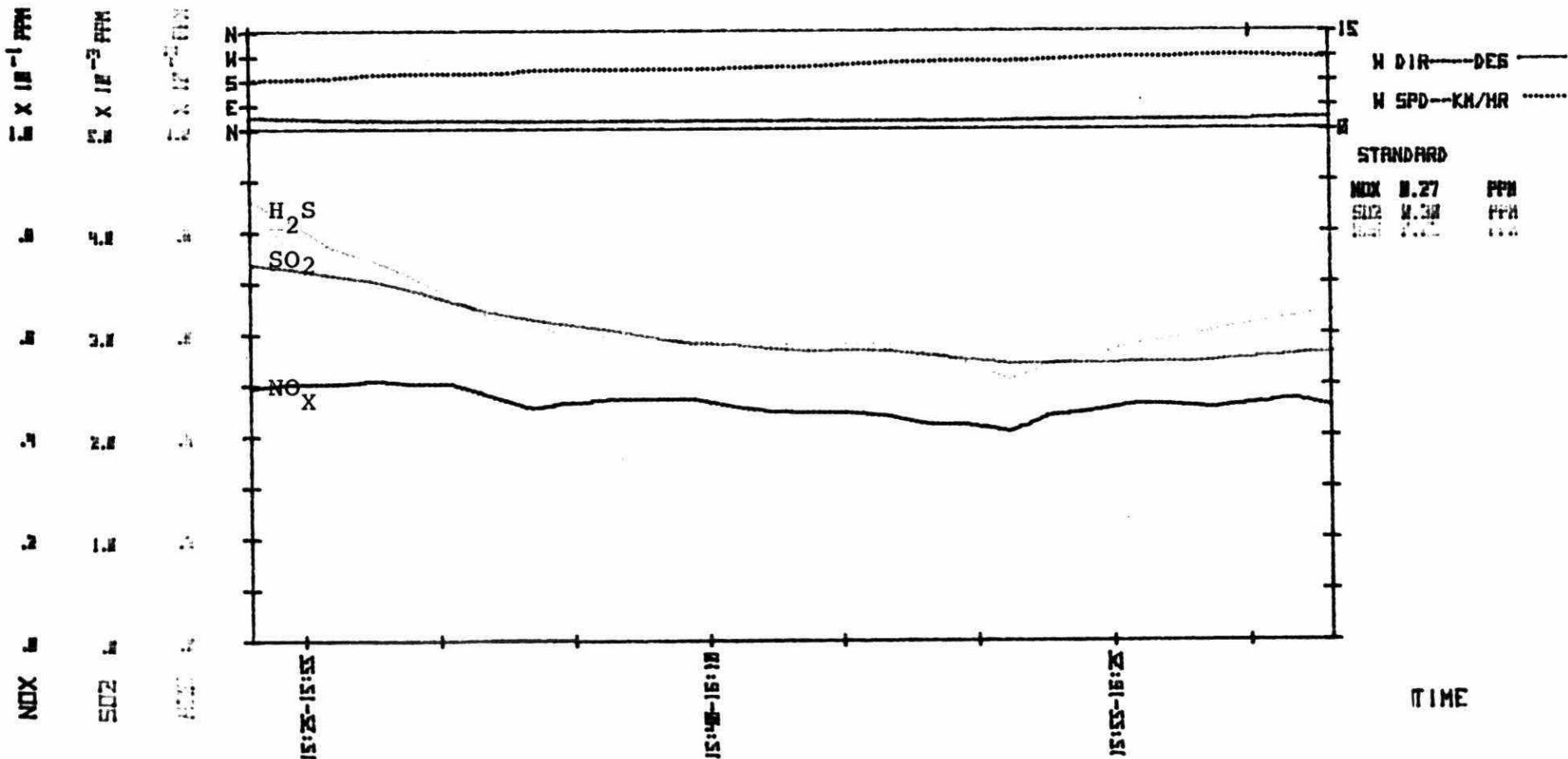
MIN

HWY #61, 0.2KM S OF BRIDGWAY(32838-53578); 0.7KM & 270065/SRC

0.003
14
100
990

0.004
14
100
990

SARF W/CM2
TEMP DEG C
HUM % REL
PRES MBAR



THUNDER BAY #72

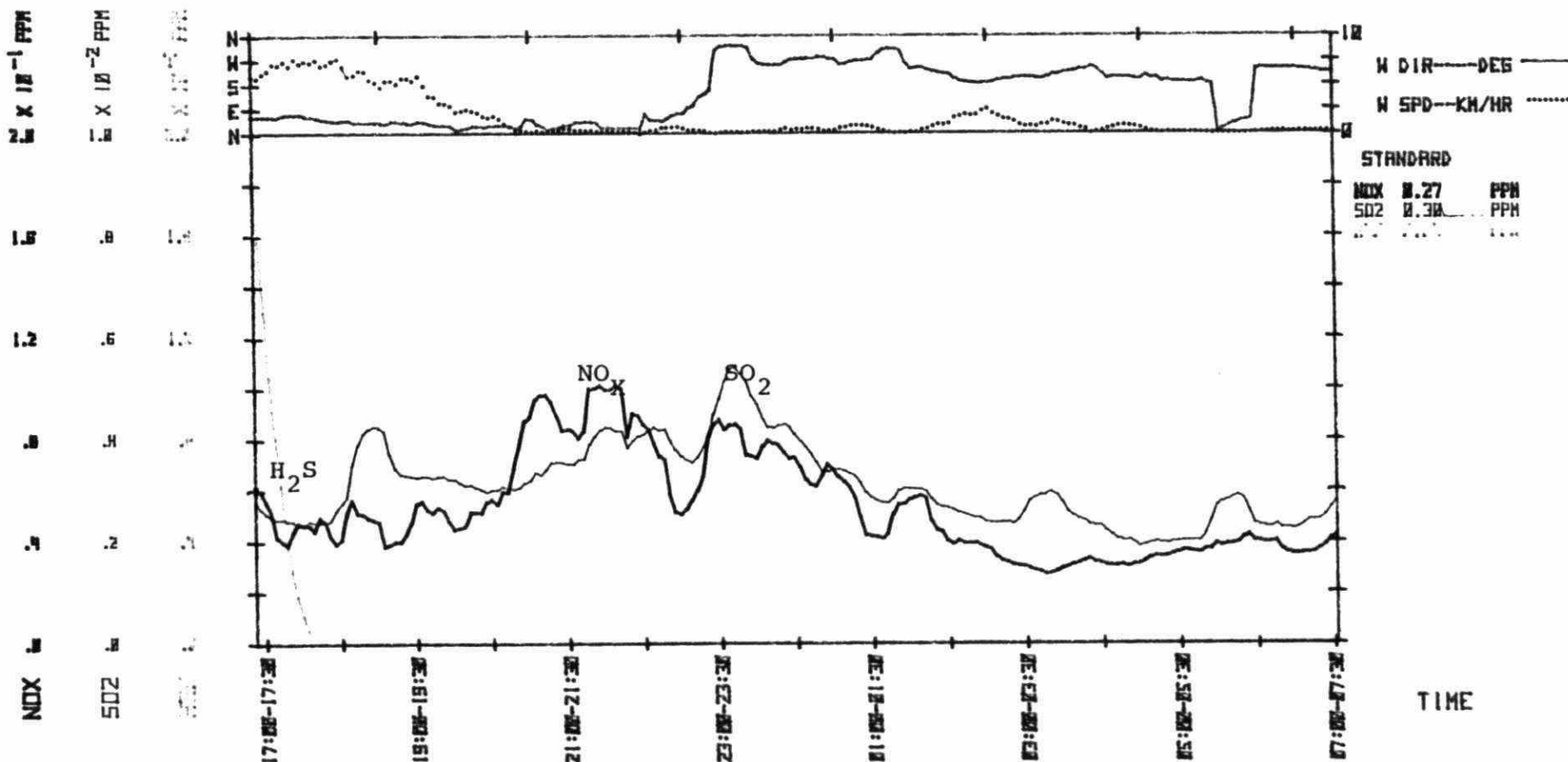
16:52 SEP 9 1978

SCAN= 150 SEC

AVE= 30 MIN

HWY #61 & BROADWAY, CEMETERY(32828-53588); 0.8KM @ 280065/SAC

0.005	0.003	0.002	0.001	0.000	0.000	0.000	0.000	SRAD	W/CH2
15	15	15	15	14	13	12	13	TEMP	DES C
100	100	100	100	100	100	100	100	HUM	% REL
999	999	999	999	999	999	999	999	PRES	MBAR



NOX VS SO2

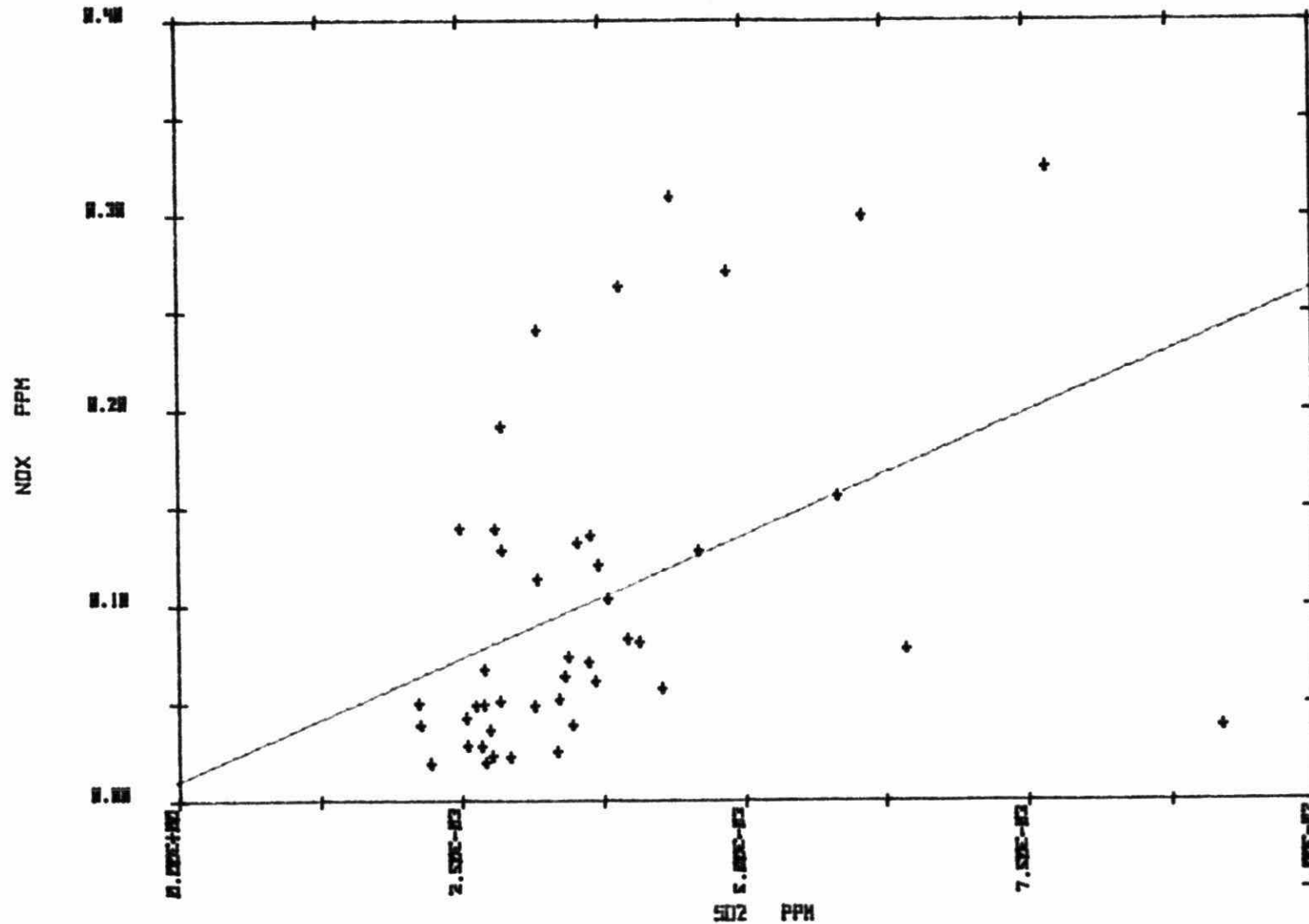
SURVEY: THUNDER BAY #37
 START TIME: 22:04 AUG 28 1978
 SCAN TIME: 90 SEC
 LOCATION: H.D.E. LAB (X3848-Y6878); 3.5KM @ 128 DEG/SEC

DURATION: 11.2 HRS
 AVERAGING TIME: 15 MIN
 Y DELAY: 0 MIN

NO POINTS= 44
 COR COEFF= 0.42725

SO2
 MEAN = 0.0037
 ST DEV= 0.0014

NOX
 MEAN = 0.1015
 ST DEV= 0.0052



THUNDER BAY #53

17:45 SEP 3 1978

LENGTH= 15.1 HRS

DELAY= 0 MIN

LOC: MONTREAL & NEEBING STS. (X2920-Y5830); 1.0KM & 005 D65/SRC

SCAN= 150 SEC AVE= 30 MIN

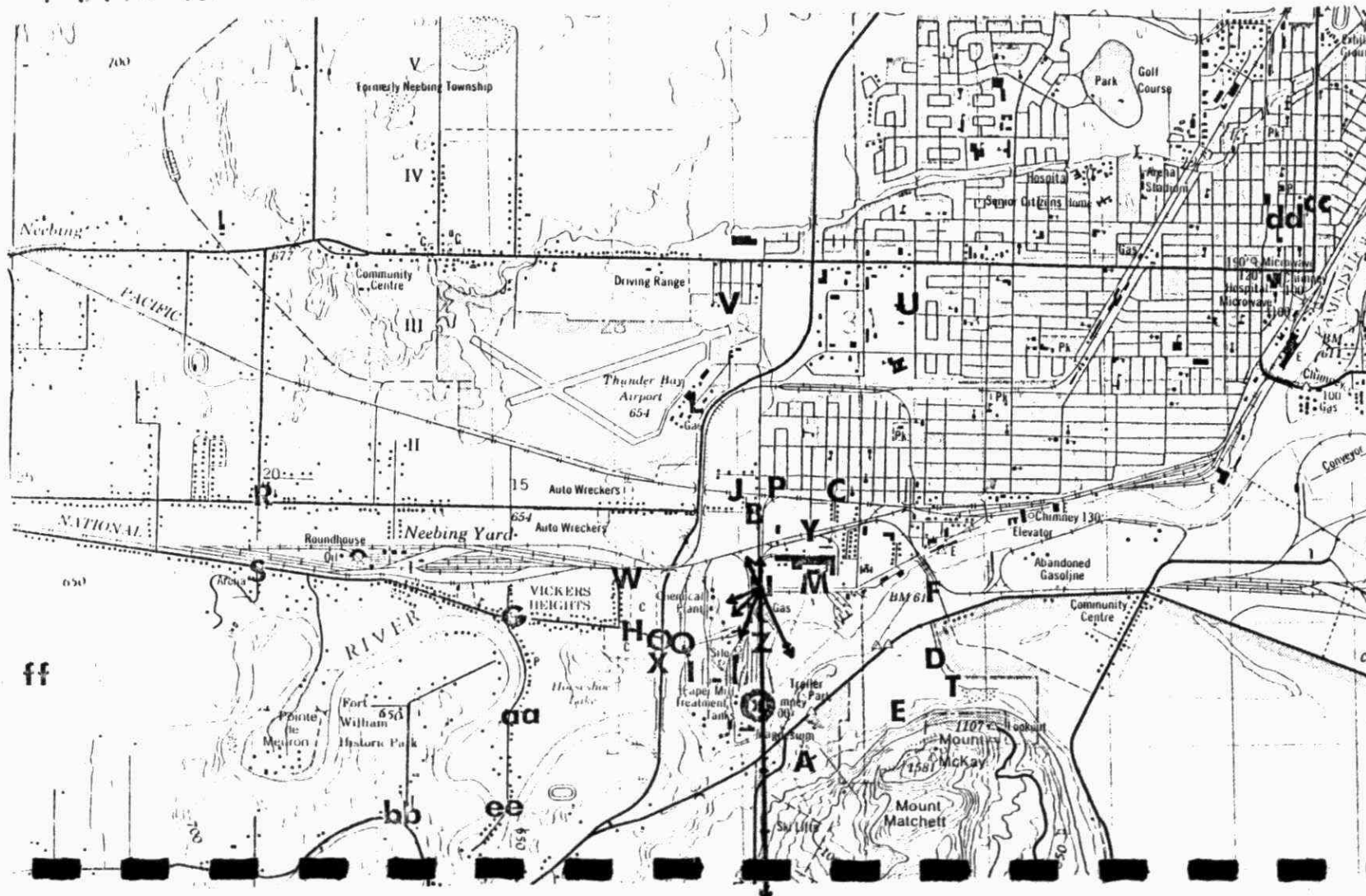
MINIMUM MEAN= 1.00000E-03 PPM

WIND RANGE= 0 / 25 KM/HR

PREVAILING WINDS: BLASTING THUNDER:
1 DIV= 10 S

ARITHMETIC MEAN: 502

1 DIV= 0.01 PPM



Reference
Point - X

N
↑

Scale - km

0 2

THUNDER BAY #1

DATE: JUL 31 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: MT MCKAY SKI HILL (X2950-Y5690); 0.6KM @ 140 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
16:27----16:57	1.6E-02 8.0E-01 3.3E-02 986	3.2E+00 2.0E-02 3.3E-02 4	5.1E-03 8.8E-03 26 350	1.8E+00 2.2E-02 49
16:42----17:12	1.1E-02 7.7E-01 3.2E-02 986	3.1E+00 2.6E-02 4.3E-02 5	3.6E-03 1.1E-02 26 2	1.8E+00 2.5E-02 49
16:57----17:27	7.6E-03 7.5E-01 3.3E-02 986	2.8E+00 2.0E-02 4.7E-02 5	3.9E-03 1.1E-02 26 12	1.5E+00 1.1E-02 47
17:12----17:42	5.4E-03 7.7E-01 3.3E-02 986	3.1E+00 2.3E-02 3.6E-02 4	5.2E-03 1.2E-02 26 21	1.8E+00 1.6E-02 49
17:27----17:57	5.1E-03 8.4E-01 3.2E-02 986	3.3E+00 3.2E-02 3.5E-02 3	4.7E-03 1.6E-02 25 11	1.9E+00 2.0E-02 51
17:42----18:12	5.3E-03 8.7E-01 3.2E-02 986	3.3E+00 3.4E-02 3.7E-02 4	3.7E-03 1.5E-02 25 2	1.7E+00 2.3E-02 50
17:57----18:27	4.6E-03 8.9E-01 3.3E-02 986	3.0E+00 2.9E-02 3.2E-02 4	3.8E-03 9.8E-03 25 10	1.6E+00 2.3E-02 49
18:12----18:42	3.3E-03 9.1E-01 3.4E-02 986	3.0E+00 2.5E-02 4.1E-02 3	3.7E-03 9.4E-03 26 14	1.6E+00 1.8E-02 47
18:27----18:57	2.6E-03 9.3E-01 3.5E-02 986	3.0E+00 3.1E-02 4.6E-02 2	4.0E-03 1.5E-02 26 350	1.7E+00 1.9E-02 45
18:42----19:12	2.3E-03 9.4E-01 3.4E-02 986	2.9E+00 3.6E-02 4.3E-02 2	3.7E-03 1.6E-02 26 33	1.6E+00 2.3E-02 46

TIME

H2S
OZONE
CH4
BAROMETER

THC
NOX
SOLAR RAD
WIND SPEED

SO2
TEMP
WIND DIRECTION

THC-CH4
NO
HUMIDITY

21:27-----21:57

21:12-----21:42

20:57-----21:27

20:42-----21:12

20:27-----20:57

20:12-----20:42

19:57-----20:27

19:42-----20:12

19:27-----19:57

19:12-----19:42

18:57-----19:27

1.8E-02
8.6E-01
1.2E-04
987

1.8E-02
8.7E-01
3.1E-04
987

2.0E-02
8.4E-01
1.1E-03
987

2.1E-02
8.5E-01
2.3E-03
987

2.3E-02
8.7E-01
1.8E-03
987

2.3E-02
8.9E-01
7.6E-04
987

2.5E-02
9.1E-01
6.8E-04
987

2.8E-02
9.0E-01
8.3E-04
986

3.0E-02
8.7E-01
1.3E-03
986

3.2E-02
8.7E-01
1.7E-03
986

3.3E-02
9.1E-01
2.0E-03
986

2.8E+00
6.0E-02
1.9E-04
1

2.9E+00
5.6E-02
5.5E-04
0

3.0E+00
5.1E-02
1.2E-03
0

3.1E+00
4.6E-02
3.1E-03
1

3.0E+00
4.4E-02
6.0E-03
1

3.3E+00
5.5E-02
4.6E-03
0

3.3E+00
5.3E-02
1.4E-03
1

3.0E+00
3.8E-02
1.5E-03
1

2.9E+00
3.1E-02
3.7E-03
2

2.9E+00
3.5E-02
1.7E-02
3

2.9E+00
3.9E-02
3.4E-02
4

1.0E-06
1.1E-02
14
232

1.0E-06
1.2E-02
15
243

1.0E-06
1.5E-02
15
172

1.0E-06
1.7E-02
16
192

1.0E-06
1.7E-02
16
173

1.5E-05
2.0E-02
16
132

1.0E-04
1.9E-02
17
174

4.9E-04
1.3E-02
19
145

1.0E-03
1.3E-02
21
56

1.8E-03
1.9E-02
24
59

2.7E-03
2.0E-02
26
66

1.6E+00
4.9E-02
238

1.7E+00
4.4E-02
237

1.7E+00
4.2E-02
237

1.7E+00
3.6E-02
237

1.7E+00
2.9E-02
240

1.9E+00
3.9E-02
237

1.9E+00
3.8E-02
183

1.6E+00
2.6E-02
189

1.5E+00
1.9E-02
72

1.6E+00
2.0E-02
56

1.6E+00
2.4E-02
48

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
21:42----22:12	3.0E-04 8.2E-01 1.7E-02 987	3.2E+00 6.6E-02 4.7E-05 0	1.0E-06 1.2E-02 14 222	1.7E+00 5.5E-02 238
21:57----22:27	7.9E-04 8.1E-01 1.3E-02 987	3.5E+00 7.8E-02 1.6E-05 0	1.0E-06 1.9E-02 14 225	1.9E+00 5.9E-02 239
22:12----22:42	1.1E-03 8.4E-01 1.1E-02 987	3.3E+00 8.9E-02 1.2E-05 0	1.0E-06 3.0E-02 13 232	1.9E+00 5.9E-02 240
22:27----22:57	1.0E-03 8.7E-01 9.7E-03 987	3.6E+00 1.1E-01 1.1E-05 0	1.0E-06 3.7E-02 13 234	2.2E+00 7.8E-02 241
22:42----23:12	6.4E-04 8.7E-01 1.1E-02 987	3.8E+00 1.1E-01 1.2E-05 0	2.5E-06 2.8E-02 13 237	2.3E+00 8.9E-02 241
22:57----23:27	2.0E-04 8.3E-01 1.7E-02 987	3.1E+00 8.3E-02 1.7E-05 0	2.5E-06 1.4E-02 13 244	1.9E+00 7.0E-02 238
23:12----23:42	3.4E-05 8.2E-01 1.9E-02 987	2.8E+00 6.9E-02 1.8E-05 0	2.3E-05 1.2E-02 13 248	1.6E+00 5.5E-02 237
23:27----23:57	3.0E-05 8.2E-01 1.4E-02 987	2.8E+00 6.7E-02 1.5E-05 0	2.3E-05 1.3E-02 13 271	1.6E+00 5.2E-02 240
23:42----00:12	3.2E-05 8.3E-01 8.8E-03 987	3.2E+00 7.2E-02 1.3E-05 0	1.0E-06 1.4E-02 12 275	1.8E+00 5.8E-02 245
23:57----00:27	3.4E-05 8.5E-01 6.8E-03 988	4.0E+00 8.5E-02 1.0E-05 0	5.1E-05 2.0E-02 12 279	2.3E+00 6.7E-02 246
00:12----00:42	3.3E-05 8.4E-01 7.8E-03 988	4.0E+00 8.3E-02 7.0E-06 0	1.3E-04 1.8E-02 12 260	2.2E+00 6.8E-02 244

THUNDER BAY #1, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
00:27----00:57	2.5E-05 8.2E-01 1.3E-02 988	3.3E+00 6.8E-02 1.2E-05 0	1.3E-04 1.1E-02 12 252	1.9E+00 5.7E-02 247
00:42----01:12	6.8E-05 8.5E-01 1.7E-02 988	3.2E+00 6.1E-02 2.4E-05 0	7.8E-05 1.4E-02 12 227	1.8E+00 4.6E-02 253
00:57----01:27	9.1E-05 9.1E-01 1.6E-02 988	3.2E+00 5.7E-02 3.2E-05 1	2.2E-05 1.6E-02 13 213	1.8E+00 4.2E-02 252
01:12----01:42	8.7E-05 9.0E-01 1.2E-02 988	3.4E+00 5.4E-02 2.3E-05 1	1.0E-06 1.3E-02 13 206	2.1E+00 4.3E-02 248
01:27----01:57	5.8E-05 8.6E-01 9.1E-03 988	4.3E+00 6.3E-02 1.7E-05 0	1.0E-06 1.4E-02 13 261	2.4E+00 5.5E-02 248
01:42----02:12	2.2E-05 8.7E-01 7.3E-03 988	4.7E+00 7.3E-02 1.5E-05 0	1.0E-06 1.6E-02 13 230	2.6E+00 6.4E-02 249
01:57----02:27	1.4E-05 8.7E-01 1.1E-02 988	4.0E+00 6.5E-02 1.4E-05 1	1.0E-06 1.6E-02 12 239	2.2E+00 5.2E-02 250
02:12----02:42	3.1E-06 8.6E-01 1.6E-02 988	3.2E+00 5.4E-02 1.8E-05 2	1.0E-06 1.5E-02 13 247	1.7E+00 3.9E-02 250
02:27----02:57	2.2E-06 8.5E-01 1.2E-02 988	3.1E+00 5.3E-02 1.3E-05 1	8.6E-05 1.3E-02 12 251	1.7E+00 4.0E-02 249
02:42----03:12	2.2E-06 8.4E-01 7.4E-03 988	3.1E+00 5.2E-02 1.4E-05 0	1.2E-04 1.2E-02 12 262	1.7E+00 4.0E-02 251
02:57----03:27	9.0E-06 8.5E-01 6.0E-03 988	3.1E+00 5.9E-02 2.0E-05 0	2.0E-04 1.3E-02 12 261	1.7E+00 5.3E-02 253

THUNDER BAY #1, CONT'D

PAGE 5

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
03:12----03:42	3.3E-05 9.2E-01 5.7E-03 988	4.2E+00 8.5E-02 1.3E-05 0	3.4E-04 1.4E-02 11 244	2.5E+00 8.1E-02 253
03:27----03:57	5.2E-05 1.0E+00 6.4E-03 988	5.4E+00 1.2E-01 8.4E-06 0	3.4E-04 2.4E-02 11 242	3.4E+00 1.1E-01 254
03:42----04:12	3.0E-05 1.0E+00 7.8E-03 988	5.0E+00 9.9E-02 1.2E-05 0	3.7E-04 2.6E-02 11 244	3.2E+00 8.7E-02 258
03:57----04:27	3.9E-06 9.5E-01 7.9E-03 988	4.2E+00 7.7E-02 1.2E-05 0	5.8E-04 2.5E-02 11 204	2.7E+00 5.5E-02 259
04:12----04:42	1.1E-05 9.2E-01 6.2E-03 988	4.5E+00 8.6E-02 1.2E-05 0	7.8E-04 2.7E-02 11 134	2.7E+00 6.1E-02 259
04:27----04:57	2.2E-05 9.2E-01 4.8E-03 987	4.6E+00 9.6E-02 1.3E-05 0	1.1E-03 3.1E-02 11 113	2.5E+00 7.2E-02 260
04:42----05:12	1.7E-05 9.1E-01 4.0E-03 987	4.7E+00 1.1E-01 1.2E-05 0	1.8E-03 3.8E-02 10 280	2.7E+00 7.8E-02 259
04:57----05:27	1.6E-05 8.9E-01 4.0E-03 987	4.7E+00 1.0E-01 2.2E-05 0	2.2E-03 2.8E-02 10 278	2.8E+00 7.8E-02 261
05:12----05:42	1.1E-05 9.0E-01 4.1E-03 988	3.9E+00 7.3E-02 3.4E-05 0	2.0E-03 1.6E-02 11 282	2.2E+00 6.0E-02 264
05:27----05:57	2.3E-06 9.4E-01 3.2E-03 988	3.3E+00 5.9E-02 2.7E-05 1	1.8E-03 1.1E-02 11 285	1.9E+00 4.9E-02 263
05:42----06:12	2.3E-06 9.4E-01 3.1E-03 987	3.5E+00 6.5E-02 2.3E-05 1	1.5E-03 1.7E-02 11 299	2.0E+00 5.2E-02 260

THUNDER BAY #1, CONT'D

PAGE 6

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
05:57----06:27	1.1E-06 1.0E+00 3.2E-03 987	3.9E+00 6.7E-02 8.9E-05 0	1.4E-03 1.6E-02 11 66	2.2E+00 5.9E-02 261
06:12----06:42	1.3E-05 1.2E+00 2.2E-03 988	4.5E+00 9.9E-02 3.1E-04 0	1.4E-03 3.5E-02 11 73	2.6E+00 7.6E-02 264
06:27----06:57	1.9E-05 1.3E+00 1.1E-03 988	5.1E+00 1.3E-01 8.2E-04 0	1.6E-03 5.0E-02 10 256	2.9E+00 8.1E-02 265
06:42----07:12	2.3E-04 1.3E+00 1.1E-03 988	5.5E+00 1.1E-01 1.6E-03 0	2.2E-03 3.2E-02 10 295	3.0E+00 7.9E-02 265

STATISTICS

NUMBER OF READINGS 897

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	2.62E-02	1.52E-03	3.29E-03	4.88E-05	3.75E+01
THC	2.52E+00	1.05E+01	3.60E+00	1.34E+00	3.42E+00	1.34E+00
SO2	1.00E-06	1.30E-02	1.22E-03	1.76E-03	4.17E-05	4.39E+01
THC-CH4	1.29E+00	7.00E+00	2.05E+00	8.91E-01	1.92E+00	1.39E+00
CH4	7.01E-01	1.51E+00	8.98E-01	1.18E-01	8.92E-01	1.13E+00
NOX	9.97E-03	3.84E-01	6.46E-02	4.58E-02	5.38E-02	1.82E+00
NO2	1.00E-06	3.33E-01	1.84E-02	2.96E-02	3.28E-03	3.44E+01
NO	2.69E-03	3.70E-01	5.01E-02	3.84E-02	3.95E-02	2.06E+00
OZONE	5.18E-04	3.80E-02	1.58E-02	1.13E-02	1.11E-02	2.62E+00
SOLAR RAD	1.00E-06	7.58E-02	8.14E-03	1.69E-02	1.75E-04	2.94E+01
TEMP	10	28	15	6		
HUMIDITY	40	273	202	85	170	2
BAROMETER	986	988	987	1	987	1
WIND SPEED	0	14	1	2	0	28

MAXIMUM
AVERAGE

H2S	1.56E-02
THC	5.50E+00
SO2	5.18E-03
THC-CH4	3.42E+00
CH4	1.27E+00
NOX	1.26E-01
NO2	4.99E-02
NO	1.06E-01
OZONE	3.46E-02
SOLAR RAD	4.73E-02
TEMP	26
HUMIDITY	265
BAROMETER	988
WIND SPEED	5
WIND DIRECTION	358

THUNDER BAY #2

DATE: AUG 1 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: NEEBING AVE & ROSSLYN RD (X2915-Y5895); 1.5KM @ 000 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
14:40----15:10	8.4E-03 2.8E-02 3.6E-02 988	6.8E-01 3.0E-02 3.1E-02 15	1.9E-03 2.0E-02 25 185	4.3E-01 1.2E-02 74
14:43----15:13	8.0E-03 1.6E-02 3.6E-02 988	6.8E-01 3.0E-02 2.9E-02 16	2.0E-03 2.0E-02 25 186	4.4E-01 1.1E-02 78
14:46----15:16	7.7E-03 9.5E-03 3.5E-02 988	6.3E-01 2.9E-02 2.8E-02 16	2.0E-03 1.9E-02 24 186	4.1E-01 1.1E-02 86
14:49----15:19	7.2E-03 4.8E-03 3.5E-02 988	5.9E-01 2.8E-02 2.0E-02 18	1.8E-03 1.9E-02 24 187	3.9E-01 1.0E-02 94
14:52----15:22	6.9E-03 1.1E-06 3.5E-02 988	6.1E-01 2.7E-02 1.5E-02 19	1.4E-03 1.9E-02 23 186	4.1E-01 9.6E-03 103
14:55----15:25	6.7E-03 1.1E-06 3.5E-02 988	6.2E-01 2.6E-02 1.2E-02 19	1.2E-03 1.9E-02 22 186	4.2E-01 8.9E-03 113
14:58----15:28	6.3E-03 1.1E-06 3.5E-02 988	5.7E-01 2.6E-02 1.2E-02 19	8.5E-04 1.9E-02 21 186	3.9E-01 1.0E-02 122
15:01----15:31	5.9E-03 1.2E-03 3.5E-02 988	5.3E-01 2.6E-02 1.3E-02 18	6.4E-04 1.8E-02 21 184	3.7E-01 1.1E-02 131
15:04----15:34	5.8E-03 1.2E-02 3.4E-02 988	5.1E-01 2.6E-02 1.5E-02 18	5.1E-04 1.7E-02 20 182	3.8E-01 1.2E-02 140
15:07----15:37	5.7E-03 2.0E-02 3.4E-02 988	5.5E-01 2.7E-02 1.8E-02 17	3.7E-04 1.7E-02 20 179	3.8E-01 1.3E-02 148

THUNDER BAY #2, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
15:10----15:40	5.7E-03 2.0E-02 3.4E-02 988	5.6E-01 2.9E-02 2.0E-02 16	2.2E-04 1.7E-02 20 176	3.6E-01 1.4E-02 156
15:13----15:43	5.7E-03 2.3E-02 3.3E-02 988	5.5E-01 2.9E-02 2.3E-02 15	7.5E-05 1.7E-02 20 174	3.5E-01 1.5E-02 160
15:16----15:46	5.7E-03 2.8E-02 3.3E-02 988	5.5E-01 2.9E-02 2.5E-02 14	2.3E-05 1.6E-02 20 172	3.4E-01 1.5E-02 161
15:19----15:49	5.6E-03 4.5E-02 3.3E-02 988	5.9E-01 2.9E-02 2.7E-02 12	5.4E-05 1.6E-02 20 166	3.6E-01 1.6E-02 160
15:22----15:52	5.6E-03 5.9E-02 3.3E-02 988	6.0E-01 3.0E-02 2.9E-02 11	5.4E-05 1.5E-02 20 164	3.6E-01 1.7E-02 158
15:25----15:55	5.2E-03 6.1E-02 3.3E-02 988	5.6E-01 3.2E-02 3.1E-02 10	4.7E-05 1.6E-02 21 162	3.3E-01 1.9E-02 155
15:28----15:58	4.8E-03 6.1E-02 3.2E-02 988	5.6E-01 3.3E-02 3.1E-02 11	6.7E-05 1.6E-02 21 161	3.3E-01 1.9E-02 151
15:31----16:01	5.0E-03 6.0E-02 3.3E-02 988	5.3E-01 3.3E-02 3.7E-02 12	1.7E-04 1.7E-02 22 172	3.1E-01 1.9E-02 142
15:34----16:04	5.0E-03 4.9E-02 3.5E-02 988	4.6E-01 3.1E-02 4.1E-02 12	2.0E-04 1.6E-02 22 183	2.6E-01 1.7E-02 133
15:37----16:07	4.9E-03 4.2E-02 3.7E-02 987	3.8E-01 2.8E-02 4.5E-02 13	2.9E-04 1.5E-02 23 191	2.3E-01 1.4E-02 123
15:40----16:10	4.9E-03 4.2E-02 3.8E-02 987	3.2E-01 2.5E-02 4.8E-02 14	3.9E-04 1.4E-02 24 197	2.1E-01 1.3E-02 113

THUNDER BAY #2, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
15:43----16:13	4.8E-03 3.8E-02 4.0E-02 987	2.7E-01 2.3E-02 4.9E-02 14	4.3E-04 1.3E-02 24 201	1.8E-01 1.2E-02 104
15:46----16:16	4.7E-03 3.4E-02 4.1E-02 987	2.2E-01 2.3E-02 5.2E-02 15	7.5E-04 1.2E-02 24 203	1.6E-01 1.2E-02 96
15:49----16:19	4.8E-03 1.6E-02 4.2E-02 987	1.5E-01 2.3E-02 5.5E-02 16	9.0E-04 1.2E-02 25 206	1.3E-01 1.2E-02 89
15:52----16:22	5.0E-03 2.4E-03 4.3E-02 987	8.2E-02 2.1E-02 5.9E-02 18	9.6E-04 1.2E-02 25 211	9.2E-02 1.1E-02 83
15:55----16:25	5.0E-03 1.2E-06 4.4E-02 987	3.7E-02 1.7E-02 6.4E-02 20	1.0E-03 9.1E-03 26 216	7.0E-02 8.5E-03 77
15:58----16:28	5.0E-03 1.2E-06 4.5E-02 987	1.5E-03 1.5E-02 6.9E-02 21	1.1E-03 8.2E-03 26 219	3.8E-02 7.8E-03 71
16:01----16:31	4.7E-03 1.2E-06 4.5E-02 987	7.5E-04 1.5E-02 6.6E-02 20	1.1E-03 7.3E-03 26 219	3.4E-02 8.2E-03 70
16:04----16:34	4.6E-03 1.2E-06 4.5E-02 987	7.5E-04 1.5E-02 6.3E-02 20	1.2E-03 7.2E-03 26 216	3.7E-02 8.5E-03 69
16:07----16:37	4.5E-03 1.2E-06 4.5E-02 987	7.5E-04 1.5E-02 6.0E-02 19	1.4E-03 7.1E-03 26 214	4.4E-02 8.7E-03 68
16:10----16:40	4.5E-03 1.2E-06 4.4E-02 987	4.4E-03 1.6E-02 5.6E-02 18	1.6E-03 8.0E-03 26 212	5.1E-02 8.7E-03 69
16:13----16:43	4.5E-03 1.2E-06 4.3E-02 987	1.1E-02 1.7E-02 5.7E-02 17	1.8E-03 8.7E-03 26 211	6.1E-02 8.8E-03 69

THUNDER BAY #2, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
16:16----16:46	4.5E-03 1.2E-06 4.3E-02 987	1.2E-02 1.8E-02 5.9E-02 17	1.8E-03 9.5E-03 26 212	6.4E-02 8.9E-03 69

STATISTICS

NUMBER OF READINGS 84

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	3.76E-03	1.23E-02	5.75E-03	2.15E-03	5.44E-03	1.38E+00
THC	1.00E-06	1.11E+00	3.74E-01	3.42E-01	7.49E-03	4.31E+02
SO2	1.00E-06	4.39E-03	1.11E-03	1.21E-03	1.29E-04	2.89E+01
THC-CH4	6.93E-03	6.47E-01	2.57E-01	1.94E-01	1.55E-01	3.39E+00
CH4	1.00E-06	2.16E-01	2.12E-02	4.43E-02	1.64E-05	1.31E+02
NOX	1.12E-02	6.65E-02	2.48E-02	1.06E-02	2.29E-02	1.48E+00
NO2	1.00E-06	5.38E-02	1.46E-02	8.51E-03	1.01E-02	4.80E+00
NO	4.94E-03	3.79E-02	1.18E-02	7.54E-03	1.02E-02	1.67E+00
OZONE	2.15E-02	4.62E-02	3.82E-02	5.93E-03	3.77E-02	1.18E+00
SOLAR RAD	8.18E-03	8.71E-02	4.00E-02	2.55E-02	3.16E-02	2.07E+00
TEMP	19	27	24	3		
HUMIDITY	64	171	101	40	94	1
BAROMETER	987	988	987	0	987	1
WIND SPEED	6	37	16	6	15	1

MAXIMUM
AVERAGE

H2S	8.37E-03
THC	6.82E-01
SO2	2.00E-03
THC-CH4	4.38E-01
CH4	6.15E-02
NOX	3.33E-02
NO2	2.03E-02
NO	1.94E-02
OZONE	4.49E-02
SOLAR RAD	6.89E-02
TEMP	26
HUMIDITY	161
BAROMETER	988
WIND SPEED	21
WIND DIRECTION	219

THUNDER BAY #3

DATE: AUG 1 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: GORE ST & CRAWFORD AVE (X2980-Y5915); 1.9KM & 020 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
18:09----18:39	1.4E-02 1.0E-06 5.5E-02 987	2.6E-01 2.1E-02 3.4E-02 16	5.4E-03 1.6E-02 27 195	2.3E-01 6.8E-03 54
18:24----18:54	7.9E-03 1.0E-06 5.8E-02 987	5.1E-02 1.9E-02 3.2E-02 17	4.8E-03 1.2E-02 26 189	1.2E-01 8.1E-03 58
18:39----19:09	6.1E-03 1.0E-06 5.9E-02 987	9.6E-02 1.9E-02 2.6E-02 17	4.8E-03 1.1E-02 26 192	1.5E-01 8.4E-03 58
18:54----19:24	7.5E-03 1.0E-06 5.7E-02 987	1.9E-01 1.9E-02 1.6E-02 16	4.5E-03 1.4E-02 25 193	1.9E-01 6.7E-03 62
19:09----19:39	1.0E-02 1.0E-06 5.6E-02 987	2.5E-01 1.9E-02 1.4E-02 14	4.5E-03 1.3E-02 24 192	2.3E-01 6.7E-03 65
19:24----19:54	1.1E-02 1.0E-06 5.5E-02 987	3.4E-01 1.7E-02 1.3E-02 13	4.4E-03 1.1E-02 24 196	2.8E-01 6.5E-03 67
19:39----20:09	9.1E-03 1.0E-06 5.0E-02 987	2.8E-01 2.4E-02 1.0E-02 11	8.3E-03 1.8E-02 23 191	2.4E-01 8.2E-03 70
19:54----20:24	5.9E-03 1.0E-06 4.8E-02 986	1.1E-01 3.1E-02 7.9E-03 9	1.3E-02 1.7E-02 23 180	1.5E-01 1.8E-02 74
20:09----20:39	3.9E-03 1.0E-06 5.2E-02 986	6.7E-02 3.0E-02 5.8E-03 11	1.0E-02 1.3E-02 22 178	1.3E-01 2.0E-02 78
20:24----20:54	2.9E-03 1.0E-06 5.7E-02 986	1.8E-01 3.2E-02 3.8E-03 11	5.5E-03 1.9E-02 22 175	1.3E-01 1.5E-02 82

THUNDER BAY #3, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
20:39----21:09	2.2E-03 1.0E-06 6.0E-02 986	1.7E-01 2.8E-02 2.3E-03 13	4.5E-03 1.6E-02 21 180	1.3E-01 1.2E-02 84
20:54----21:24	1.8E-03 1.0E-06 5.9E-02 986	6.9E-02 1.9E-02 1.2E-03 16	4.6E-03 1.1E-02 20 192	1.1E-01 9.0E-03 86
21:09----21:39	1.7E-03 1.0E-06 5.6E-02 986	1.1E-01 1.7E-02 4.4E-04 15	4.8E-03 1.2E-02 20 198	1.4E-01 7.0E-03 90
21:24----21:54	2.2E-03 1.0E-06 5.1E-02 986	1.9E-01 2.0E-02 1.1E-04 12	4.4E-03 1.5E-02 20 201	1.8E-01 6.4E-03 93
21:39----22:09	2.4E-03 1.0E-06 5.3E-02 986	2.9E-01 2.4E-02 3.2E-05 10	4.0E-03 1.7E-02 20 199	2.0E-01 8.5E-03 90
21:54----22:24	1.8E-03 1.0E-06 5.5E-02 986	2.6E-01 2.2E-02 1.4E-05 10	4.3E-03 1.3E-02 20 198	1.8E-01 1.0E-02 87
22:09----22:39	1.3E-03 1.0E-06 5.5E-02 986	1.5E-01 1.7E-02 1.1E-05 11	4.7E-03 6.8E-03 20 193	1.5E-01 9.9E-03 89
22:24----22:54	1.0E-03 1.0E-06 5.2E-02 986	9.3E-02 1.6E-02 1.1E-05 12	4.7E-03 6.5E-03 20 194	1.2E-01 9.7E-03 93
22:39----23:09	2.0E-03 3.2E-04 4.2E-02 986	3.2E-01 3.4E-02 4.6E-06 8	1.2E-02 1.6E-02 19 212	2.2E-01 2.2E-02 101
22:54----23:24	3.8E-03 3.2E-04 3.3E-02 986	4.0E-01 5.1E-02 2.3E-05 4	1.6E-02 2.4E-02 19 293	2.7E-01 3.0E-02 107
23:09----23:39	3.4E-03 1.0E-06 2.8E-02 986	2.6E-01 5.4E-02 2.7E-05 6	1.1E-02 2.1E-02 19 339	2.5E-01 3.4E-02 110

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:24----23:54	3.1E-03 1.0E-06 2.1E-02 986	5.7E-01 8.6E-02 8.0E-06 4	7.7E-03 4.1E-02 18 341	4.3E-01 4.9E-02 117
23:39----00:09	4.0E-03 1.0E-06 2.0E-02 985	5.5E-01 8.4E-02 8.1E-06 6	6.8E-03 4.6E-02 18 344	3.9E-01 4.2E-02 129
23:54----00:24	3.3E-03 1.0E-06 2.0E-02 985	3.8E-01 6.2E-02 7.7E-06 6	5.8E-03 3.3E-02 18 340	2.3E-01 3.3E-02 151
00:09----00:39	2.2E-03 1.0E-06 1.7E-02 985	4.2E-01 6.2E-02 9.3E-06 3	4.1E-03 3.0E-02 16 306	2.4E-01 3.5E-02 189
00:24----00:54	2.0E-03 1.0E-06 1.8E-02 985	5.1E-01 7.3E-02 2.0E-05 2	2.5E-03 3.4E-02 16 315	3.4E-01 4.4E-02 224
00:39----01:09	1.9E-03 1.0E-06 1.7E-02 985	8.6E-01 9.9E-02 1.8E-05 2	1.6E-03 5.1E-02 16 5	5.1E-01 6.3E-02 236
00:54----01:24	1.3E-03 1.0E-06 1.4E-02 985	6.0E-01 7.9E-02 2.0E-05 1	8.3E-04 4.2E-02 15 323	3.8E-01 4.9E-02 241
01:09----01:39	1.1E-03 1.0E-06 1.3E-02 985	4.7E-01 7.8E-02 3.0E-05 2	3.1E-04 3.5E-02 16 322	3.7E-01 4.9E-02 249
01:24----01:54	1.2E-03 1.0E-06 1.0E-02 985	9.5E-01 1.1E-01 2.9E-05 1	2.1E-04 4.3E-02 16 329	7.1E-01 7.9E-02 253
01:39----02:09	1.1E-03 1.0E-06 1.1E-02 985	7.7E-01 1.1E-01 2.7E-05 2	2.1E-04 4.6E-02 16 329	5.9E-01 6.9E-02 251
01:54----02:24	9.2E-04 1.0E-06 1.2E-02 985	2.0E-01 6.7E-02 2.3E-05 2	9.4E-05 3.2E-02 16 290	1.9E-01 4.0E-02 251

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
02:09----02:39	1.0E-03 1.0E-06 1.2E-02 985	3.6E-02 5.2E-02 2.3E-05 4	1.9E-05 1.8E-02 16 249	9.3E-02 3.5E-02 254
02:24----02:54	1.0E-03 1.0E-06 1.2E-02 985	2.3E-02 5.9E-02 2.9E-05 5	4.9E-06 2.3E-02 16 245	9.7E-02 3.7E-02 260
02:39----03:09	8.5E-04 1.0E-06 2.0E-02 985	8.4E-03 5.3E-02 2.8E-05 5	4.9E-06 1.9E-02 16 237	9.7E-02 3.5E-02 262
02:54----03:24	8.9E-04 1.0E-06 2.7E-02 985	7.7E-02 4.7E-02 2.3E-05 6	1.2E-06 1.3E-02 16 224	1.4E-01 3.4E-02 257
03:09----03:39	1.4E-03 1.0E-06 2.7E-02 985	2.6E-01 4.8E-02 2.0E-05 7	1.2E-06 1.5E-02 16 212	2.4E-01 3.3E-02 238
03:24----03:54	1.8E-03 1.0E-06 2.5E-02 985	5.4E-01 5.3E-02 1.6E-05 8	1.2E-06 2.0E-02 16 211	4.0E-01 3.4E-02 223
03:39----04:09	1.3E-03 1.0E-06 2.7E-02 985	3.8E-01 5.2E-02 7.2E-06 7	1.2E-06 1.7E-02 16 221	2.9E-01 3.6E-02 221
03:54----04:24	8.6E-04 1.0E-06 2.6E-02 985	7.7E-01 5.6E-02 7.4E-06 7	1.2E-06 1.9E-02 16 220	5.2E-01 3.8E-02 222
04:09----04:39	2.1E-03 1.0E-06 2.2E-02 985	1.6E+00 6.7E-02 1.2E-05 6	1.2E-06 2.3E-02 16 212	1.0E+00 5.1E-02 222
04:24----04:54	3.6E-03 1.0E-06 2.4E-02 936	1.4E+00 6.6E-02 1.1E-05 8	1.2E-06 2.1E-02 15 210	9.3E-01 5.1E-02 208
04:39----05:09	1.9E-03 1.0E-06 1.2E-02 443	5.5E-01 3.0E-02 5.3E-06 5	1.2E-06 1.1E-02 7 210	3.7E-01 2.0E-02 98

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
04:54----05:24	6.6E-04 1.0E-06 5.0E-03 394	1.0E+00 4.0E-02 2.3E-06 2	1.7E-04 1.8E-02 6 209	6.3E-01 2.3E-02 86
05:09----05:39	1.5E-03 1.0E-06 1.6E-02 886	2.1E+00 8.1E-02 1.7E-05 5	2.5E-04 3.5E-02 14 212	1.3E+00 4.8E-02 194
05:24----05:54	3.0E-03 1.0E-06 2.8E-02 985	1.6E+00 7.4E-02 1.9E-05 7	2.2E-04 2.4E-02 15 213	9.8E-01 5.2E-02 212
05:39----06:09	3.8E-03 1.0E-06 2.8E-02 985	1.1E+00 7.3E-02 1.5E-05 8	3.7E-04 2.3E-02 15 211	7.2E-01 5.3E-02 210
05:54----06:24	2.6E-03 1.0E-06 1.7E-02 985	1.5E+00 8.8E-02 5.0E-05 7	4.2E-04 3.6E-02 15 209	9.6E-01 5.6E-02 211
06:09----06:39	3.2E-03 1.0E-06 1.7E-02 985	1.6E+00 8.9E-02 2.0E-04 6	4.7E-04 3.3E-02 15 207	1.0E+00 5.9E-02 211
06:24----06:54	3.4E-03 1.0E-06 1.6E-02 985	1.9E+00 9.1E-02 5.4E-04 7	5.3E-04 3.6E-02 15 210	1.2E+00 5.8E-02 210
06:39----07:09	2.7E-03 1.0E-06 1.2E-02 985	2.0E+00 1.0E-01 1.1E-03 7	5.4E-04 4.4E-02 15 213	1.3E+00 5.9E-02 212
06:54----07:24	4.9E-03 1.0E-06 1.6E-02 985	1.4E+00 9.2E-02 1.9E-03 6	5.5E-04 3.6E-02 15 215	8.9E-01 5.8E-02 211
07:09----07:39	4.9E-03 1.0E-06 1.6E-02 985	8.7E-01 9.0E-02 2.7E-03 7	6.4E-04 3.3E-02 15 217	6.0E-01 6.0E-02 209
07:24----07:54	2.9E-03 1.0E-06 1.7E-02 985	1.2E+00 9.9E-02 3.6E-03 6	1.2E-03 3.3E-02 15 214	8.0E-01 6.8E-02 206

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
07:39----08:09	2.4E-03 1.0E-06 1.8E-02 985	1.2E+00 1.0E-01 8.7E-03 5	1.6E-03 3.2E-02 16 216	7.7E-01 7.2E-02 192
07:54----08:24	1.9E-03 1.0E-06 1.5E-02 985	9.8E-01 1.1E-01 1.8E-02 4	1.6E-03 3.6E-02 17 221	6.4E-01 7.6E-02 174
08:09----08:39	1.7E-03 1.0E-06 1.5E-02 985	8.9E-01 1.1E-01 2.4E-02 5	1.4E-03 3.5E-02 18 223	6.0E-01 7.8E-02 162
08:24----08:54	1.5E-03 1.0E-06 2.2E-02 986	2.7E-01 8.8E-02 2.8E-02 8	9.8E-04 1.9E-02 18 232	2.3E-01 6.8E-02 152

STATISTICS

NUMBER OF READINGS 592

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DE.
H2S	1.00E-06	2.36E-02	3.25E-03	3.40E-03	1.98E-03	3.98E+00
THC	1.00E-06	4.07E+00	6.07E-01	7.62E-01	8.34E-02	5.98E-01
SO2	1.00E-06	2.90E-02	3.12E-03	4.29E-03	2.85E-04	3.78E+01
THC-CH4	1.00E-06	2.31E+00	4.26E-01	4.48E-01	2.03E-01	8.43E+00
CH4	1.00E-06	6.39E-03	1.18E-05	2.63E-04	1.01E-06	1.43E-00
NOX	1.00E-06	3.79E-01	5.77E-02	3.99E-02	3.73E-02	5.60E-00
NO2	1.00E-06	2.13E-01	2.41E-02	2.24E-02	1.15E-02	1.04E+01
NO	1.00E-06	2.34E-01	3.64E-02	2.95E-02	2.12E-02	5.66E+00
OZONE	1.00E-06	6.49E-02	3.04E-02	1.84E-02	2.06E-02	5.05E-00
SOLAR RAD	1.00E-06	4.51E-02	5.01E-03	9.98E-03	1.39E-04	2.83E-01
TEMP	0	28	18	4		16
HUMIDITY	0	286	159	74	96	16
BAROMETER	0	987	964	145	625	2
WIND SPEED	0	23	8	5	4	14

MAXIMUM
AVERAGE

H2S	1.42E-02
THC	2.12E+00
SO2	1.62E-02
THC-CH4	1.30E+00
CH4	3.20E-04
NOX	1.12E-01
NO2	5.08E-02
NO	7.87E-02
OZONE	5.99E-02
SOLAR RAD	3.41E-02
TEMP	27
HUMIDITY	262
BAROMETER	987
WIND SPEED	17
WIND DIRECTION	344

THUNDER BAY #4

DATE: AUG 2 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: GRAVEL PIT RD. (X3060-Y5770): 1.5KM @ 080 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
16:09----16:39	2.8E-03 1.2E-03 4.5E-02 988	3.9E-01 3.1E-02 3.2E-03 16	8.1E-03 1.8E-02 19 246	2.6E-01 1.3E-02 64
16:19----16:49	2.7E-03 2.1E-02 4.3E-02 988	4.5E-01 3.1E-02 3.1E-03 15	8.4E-03 1.3E-02 19 251	2.9E-01 1.8E-02 63
16:29----16:59	2.8E-03 2.6E-02 4.2E-02 988	5.3E-01 3.3E-02 3.4E-03 16	8.3E-03 1.6E-02 19 252	3.3E-01 1.9E-02 64
16:39----17:09	2.4E-03 2.5E-02 4.2E-02 988	4.4E-01 3.4E-02 3.5E-03 17	8.3E-03 1.7E-02 19 252	2.2E-01 1.9E-02 66
16:49----17:19	1.9E-03 5.0E-03 4.2E-02 988	3.2E-01 3.6E-02 3.4E-03 16	8.2E-03 1.8E-02 19 252	1.6E-01 1.9E-02 66
16:59----17:29	8.2E-04 9.6E-04 4.3E-02 988	2.3E-01 3.5E-02 3.3E-03 15	8.1E-03 1.2E-02 19 258	1.2E-01 2.5E-02 65
17:09----17:39	4.9E-04 3.5E-03 4.3E-02 988	2.8E-01 4.5E-02 3.6E-03 13	8.3E-03 9.3E-03 19 261	2.5E-01 3.9E-02 62
17:19----17:49	1.1E-04 3.2E-03 4.2E-02 988	3.8E-01 5.0E-02 4.1E-03 13	8.4E-03 7.6E-03 19 260	2.7E-01 5.1E-02 61
17:29----17:59	1.0E-06 2.5E-03 4.1E-02 989	5.0E-01 6.0E-02 5.3E-03 12	8.5E-03 9.8E-03 20 259	3.6E-01 5.7E-02 60
17:39----18:09	1.0E-06 1.0E-06 4.0E-02 989	5.0E-01 5.4E-02 7.0E-03 12	8.0E-03 1.2E-02 20 254	2.5E-01 4.5E-02 59

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
17:49----18:19	1.0E-06 1.0E-06 3.9E-02 989	5.7E-01 4.9E-02 8.5E-03 14	7.6E-03 1.8E-02 20 252	2.7E-01 3.3E-02 59
17:59----18:29	1.0E-06 1.0E-06 3.8E-02 989	4.7E-01 4.6E-02 9.2E-03 13	7.7E-03 1.9E-02 20 249	2.2E-01 2.8E-02 58
18:09----18:39	7.5E-06 1.0E-06 3.5E-02 989	4.8E-01 5.2E-02 7.8E-03 12	8.0E-03 2.1E-02 20 252	2.6E-01 3.2E-02 56
18:19----18:49	7.5E-06 2.1E-02 3.3E-02 989	4.0E-01 5.2E-02 6.5E-03 11	8.3E-03 1.7E-02 20 250	2.7E-01 3.2E-02 55
18:29----18:59	7.5E-06 2.4E-02 3.2E-02 989	5.3E-01 6.2E-02 4.8E-03 11	8.4E-03 2.4E-02 20 253	5.0E-01 3.6E-02 54
18:39----19:09	1.0E-06 2.4E-02 3.2E-02 989	5.2E-01 5.5E-02 3.8E-03 11	8.4E-03 2.0E-02 20 250	5.0E-01 3.4E-02 55
18:49----19:19	1.0E-06 3.5E-03 3.2E-02 989	4.3E-01 5.2E-02 3.3E-03 10	8.5E-03 1.6E-02 20 254	4.8E-01 3.5E-02 57
18:59----19:29	1.0E-06 1.1E-06 3.1E-02 989	4.8E-01 6.6E-02 2.9E-03 9	8.4E-03 1.4E-02 19 257	3.1E-01 5.3E-02 57
19:09----19:39	1.0E-06 1.1E-06 3.0E-02 989	4.8E-01 7.8E-02 2.6E-03 7	8.3E-03 1.9E-02 19 263	3.5E-01 6.2E-02 59
19:19----19:49	1.0E-06 1.1E-06 2.8E-02 989	5.7E-01 7.9E-02 1.6E-03 7	8.1E-03 1.9E-02 18 265	3.7E-01 6.2E-02 62
19:29----19:59	1.0E-06 2.8E-05 2.7E-02 989	3.6E-01 5.4E-02 9.4E-04 7	7.7E-03 1.6E-02 18 256	2.8E-01 3.6E-02 68

THUNDER BAY #4, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
19:39----20:09	3.2E-04 7.7E-04 2.6E-02 990	4.4E-01 4.8E-02 1.9E-03 8	7.5E-03 2.1E-02 17 253	2.9E-01 2.7E-02 71
19:49----20:19	6.9E-04 7.7E-04 2.6E-02 990	4.0E-01 5.5E-02 2.7E-03 9	7.4E-03 3.0E-02 18 251	2.5E-01 2.6E-02 70
19:59----20:29	3.2E-03 7.4E-04 2.7E-02 990	4.8E-01 6.1E-02 2.9E-03 9	8.0E-03 3.9E-02 18 252	3.5E-01 2.5E-02 69
20:09----20:39	4.3E-03 1.9E-03 2.7E-02 990	3.9E-01 5.4E-02 1.8E-03 9	8.3E-03 3.2E-02 17 253	2.9E-01 2.2E-02 72
20:19----20:49	5.1E-03 1.9E-03 2.7E-02 990	5.0E-01 4.8E-02 9.7E-04 8	8.3E-03 2.8E-02 16 252	3.7E-01 2.1E-02 80
20:29----20:59	4.6E-03 1.9E-03 2.6E-02 990	5.7E-01 3.9E-02 9.7E-04 8	8.0E-03 1.8E-02 16 250	3.2E-01 2.2E-02 87
20:39----21:09	6.0E-03 1.1E-06 2.6E-02 990	6.6E-01 3.7E-02 8.9E-04 8	7.8E-03 1.6E-02 15 247	3.8E-01 2.5E-02 92
20:49----21:19	7.0E-03 5.2E-04 2.6E-02 990	7.1E-01 3.4E-02 7.0E-04 7	8.0E-03 1.4E-02 15 248	3.7E-01 2.3E-02 92
20:59----21:29	6.4E-03 5.2E-04 2.5E-02 990	6.3E-01 3.2E-02 1.8E-04 7	8.0E-03 1.5E-02 15 245	3.4E-01 1.8E-02 93
21:09----21:39	4.2E-03 5.2E-04 2.4E-02 990	4.5E-01 2.8E-02 1.0E-04 6	7.8E-03 1.4E-02 15 245	2.3E-01 1.3E-02 96
21:19----21:49	2.4E-03 1.1E-06 2.3E-02 990	2.0E-01 2.6E-02 6.4E-05 5	7.3E-03 1.1E-02 14 243	1.5E-01 1.5E-02 101

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
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STATISTICS

NUMBER OF READINGS 138

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.37E-02	1.84E-03	2.53E-03	7.23E-05	5.15E-01
THC	1.00E-06	1.59E+00	4.42E-01	3.37E-01	2.83E-01	5.57E-00
S02	6.24E-03	1.02E-02	8.01E-03	7.57E-04	7.98E-03	1.10E+00
THC-CH4	1.00E-06	1.86E+00	3.02E-01	2.81E-01	2.09E-01	3.65E+00
CH4	1.00E-06	1.01E-01	4.94E-03	1.57E-02	5.36E-06	4.11E-01
NOX	2.04E-02	1.49E-01	4.64E-02	2.45E-02	4.17E-02	1.56E-00
NO2	1.00E-06	8.16E-02	1.79E-02	1.66E-02	3.38E-03	3.82E+01
NO	5.14E-03	1.58E-01	2.97E-02	2.37E-02	2.41E-02	1.85E-00
OZONE	2.03E-02	4.72E-02	3.31E-02	7.81E-03	3.22E-02	1.27E-00
SOLAR RAD	8.31E-06	1.07E-02	3.14E-03	2.69E-03	1.58E-03	4.85E+00
TEMP	13	21	18	2		
HUMIDITY	53	111	70	16	68	
BAROMETER	988	991	989	1	989	
WIND SPEED	2	27	11	5	10	2

MAXIMUM
AVERAGE

H2S	7.04E-03
THC	7.09E-01
S02	8.47E-03
THC-CH4	5.00E-01
CH4	2.58E-02
NOX	7.89E-02
NO2	3.88E-02
NO	6.24E-02
OZONE	4.46E-02
SOLAR RAD	9.16E-03
TEMP	20
HUMIDITY	101
BAROMETER	990
WIND SPEED	17
WIND DIRECTION	265

THUNDER BAY #5

DATE: AUG 2 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: GRAVEL PIT RD. (X3060-Y5770); 1.5KM & 080 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
21:58----22:28	3.2E-04 1.0E-06 2.1E-02 991	9.2E-02 3.1E-02 1.8E-05 5	1.1E-02 7.4E-03 13 248	1.1E-01 2.0E-02 114
22:13----22:43	1.1E-04 1.0E-06 2.2E-02 991	9.6E-02 3.8E-02 1.9E-05 5	7.8E-03 1.1E-02 13 251	7.1E-02 2.4E-02 114
22:28----22:58	2.1E-05 5.7E-03 2.2E-02 991	4.5E-02 3.6E-02 1.9E-05 7	7.0E-03 1.3E-02 13 250	3.7E-02 2.1E-02 114
22:43----23:13	1.0E-06 5.9E-03 2.2E-02 991	7.1E-02 3.0E-02 2.0E-05 7	7.0E-03 1.1E-02 13 250	2.2E-02 1.8E-02 114
22:58----23:28	1.0E-06 2.4E-04 2.1E-02 991	1.0E-01 3.2E-02 1.9E-05 6	7.2E-03 1.1E-02 12 251	2.8E-02 2.0E-02 113
23:13----23:43	1.0E-06 8.7E-04 2.0E-02 991	1.6E-01 3.7E-02 1.8E-05 5	7.1E-03 9.2E-03 12 256	7.2E-02 2.9E-02 114
23:28----23:58	1.0E-06 8.7E-04 2.0E-02 991	1.3E-01 3.6E-02 1.8E-05 5	7.1E-03 8.5E-03 12 258	6.0E-02 2.9E-02 115
23:43----00:13	1.0E-06 1.8E-03 2.0E-02 991	6.3E-02 3.4E-02 1.9E-05 5	7.3E-03 7.4E-03 12 254	5.3E-02 2.5E-02 117
23:58----00:28	1.0E-06 1.2E-02 2.2E-02 991	8.7E-02 3.5E-02 2.2E-05 6	7.1E-03 1.0E-02 12 251	7.3E-02 2.3E-02 116
00:13----00:43	1.0E-06 1.1E-02 2.2E-02 992	7.3E-02 2.9E-02 2.2E-05 6	7.0E-03 8.1E-03 12 249	3.1E-02 1.9E-02 114

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
00:28----00:58	1.0E-06 1.2E-03 2.2E-02 992	8.6E-02 2.4E-02 1.9E-05 7	7.0E-03 3.6E-03 12 246	2.8E-02 1.9E-02 114
00:43----01:13	1.0E-06 3.6E-03 2.2E-02 992	1.8E-01 2.6E-02 1.7E-05 9	7.0E-03 5.8E-03 12 247	4.3E-02 1.7E-02 117
00:58----01:28	1.0E-06 5.7E-03 2.1E-02 992	1.6E-01 2.4E-02 1.5E-05 9	7.0E-03 6.2E-03 12 247	2.9E-02 1.6E-02 120
01:13----01:43	1.0E-06 1.6E-02 2.0E-02 992	2.2E-02 2.4E-02 1.6E-05 8	6.8E-03 4.7E-03 12 249	1.7E-02 1.7E-02 125
01:28----01:58	1.0E-06 1.2E-02 1.9E-02 992	3.9E-02 2.6E-02 2.0E-05 8	6.6E-03 5.6E-03 11 247	2.4E-02 1.7E-02 128
01:43----02:13	1.0E-06 1.1E-06 1.9E-02 992	4.1E-02 2.5E-02 1.9E-05 8	6.3E-03 6.9E-03 11 245	1.2E-02 1.6E-02 131
01:58----02:28	1.0E-06 1.5E-03 1.9E-02 992	3.0E-02 2.5E-02 1.8E-05 8	6.2E-03 6.8E-03 11 244	9.8E-03 1.6E-02 135
02:13----02:43	1.0E-06 4.6E-03 1.6E-02 992	1.3E-01 2.9E-02 2.2E-05 8	2.0E-02 1.0E-02 11 242	6.8E-02 1.8E-02 138
02:28----02:58	1.0E-06 2.0E-02 1.5E-02 992	1.8E-01 3.1E-02 2.4E-05 8	4.4E-02 1.1E-02 11 244	1.0E-01 1.8E-02 139
02:43----03:13	1.0E-06 2.9E-02 1.7E-02 992	2.1E-01 2.8E-02 2.2E-05 8	3.7E-02 9.2E-03 11 246	1.2E-01 1.7E-02 141
02:58----03:28	1.0E-06 1.5E-02 1.7E-02 992	2.1E-01 2.6E-02 1.8E-05 7	1.5E-02 9.5E-03 11 245	1.1E-01 1.6E-02 144

THUNDER BAY #5, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
03:13----03:43	1.6E-05 1.9E-02 1.7E-02 992	2.4E-01 2.6E-02 1.6E-05 7	1.1E-02 7.6E-03 11 239	1.1E-01 1.7E-02 145
03:28----03:58	1.6E-05 2.1E-02 1.8E-02 992	2.2E-01 2.4E-02 2.0E-05 7	1.0E-02 5.7E-03 11 240	1.1E-01 1.6E-02 144
03:43----04:13	1.0E-06 1.5E-02 1.9E-02 992	1.9E-01 2.6E-02 2.2E-05 6	9.4E-03 6.3E-03 11 246	6.5E-02 2.1E-02 141
03:58----04:28	1.0E-06 1.5E-02 1.9E-02 992	2.1E-01 3.2E-02 2.2E-05 5	8.7E-03 4.5E-03 11 250	7.4E-02 3.0E-02 141
04:13----04:43	1.0E-06 8.0E-03 1.8E-02 992	3.4E-01 4.3E-02 1.5E-05 4	8.3E-03 5.9E-03 11 250	1.4E-01 3.6E-02 143
04:28----04:58	1.0E-06 4.6E-03 1.7E-02 992	3.8E-01 4.9E-02 1.1E-05 4	7.9E-03 1.4E-02 11 253	1.2E-01 3.4E-02 149
04:43----05:13	1.0E-06 6.5E-03 1.7E-02 992	1.3E-01 4.0E-02 9.9E-06 5	7.5E-03 1.3E-02 10 249	4.8E-02 2.6E-02 153
04:58----05:28	1.0E-06 6.6E-03 1.6E-02 992	3.8E-02 3.0E-02 1.2E-05 6	1.7E-02 6.6E-03 10 244	3.3E-02 2.1E-02 156
05:13----05:43	1.0E-06 1.4E-02 1.6E-02 992	5.2E-02 2.9E-02 1.5E-05 6	2.4E-02 6.0E-03 10 239	2.1E-02 2.2E-02 158
05:28----05:58	1.0E-06 2.6E-02 1.6E-02 992	4.7E-02 2.8E-02 1.7E-05 7	1.8E-02 5.6E-03 10 239	1.6E-02 2.1E-02 159
05:43----06:13	1.0E-06 1.5E-02 1.6E-02 992	2.1E-02 2.6E-02 2.1E-05 7	1.3E-02 5.4E-03 10 247	1.1E-02 1.8E-02 158

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
05:58----06:28	1.0E-06 1.5E-02 1.7E-02 992	2.0E-02 2.8E-02 2.8E-05 7	1.1E-02 5.4E-03 10 252	4.2E-03 2.1E-02 158
06:13----06:43	1.0E-06 3.5E-02 1.7E-02 992	2.0E-02 3.0E-02 6.0E-05 6	9.5E-03 6.4E-03 10 251	2.0E-03 2.2E-02 159
06:28----06:58	1.0E-06 4.2E-02 1.6E-02 992	3.2E-02 3.7E-02 1.4E-04 6	9.1E-03 8.9E-03 10 250	3.8E-02 2.6E-02 159
06:43----07:13	1.0E-06 4.5E-02 1.5E-02 992	6.0E-02 4.1E-02 3.4E-04 6	8.9E-03 1.1E-02 10 249	3.9E-02 2.8E-02 155
06:58----07:28	1.0E-06 3.9E-02 1.5E-02 993	3.8E-02 3.5E-02 7.7E-04 7	1.2E-02 9.2E-03 11 248	1.2E-02 2.7E-02 140
07:13----07:43	1.0E-06 3.2E-02 1.4E-02 993	6.9E-02 3.2E-02 1.0E-03 8	2.6E-02 8.7E-03 12 244	4.4E-02 2.7E-02 123
07:28----07:58	2.5E-04 3.2E-02 1.4E-02 993	1.7E-01 3.4E-02 1.2E-03 9	2.9E-02 1.1E-02 13 241	9.6E-02 2.2E-02 115
07:43----08:13	9.8E-04 2.8E-02 1.6E-02 993	2.1E-01 3.3E-02 2.4E-03 10	1.7E-02 1.3E-02 14 242	1.4E-01 1.9E-02 106
07:58----08:28	1.4E-03 2.1E-02 1.6E-02 993	2.5E-01 3.1E-02 3.1E-03 10	1.4E-02 1.0E-02 15 244	1.7E-01 2.1E-02 96
08:13----08:43	1.4E-03 9.1E-03 1.6E-02 993	2.6E-01 2.9E-02 2.2E-03 9	1.2E-02 8.5E-03 15 245	1.5E-01 2.0E-02 93
08:28----08:58	1.8E-03 5.8E-03 1.6E-02 993	2.5E-01 2.9E-02 1.8E-03 8	1.1E-02 1.1E-02 15 245	1.9E-01 1.7E-02 92

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
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STATISTICS

NUMBER OF READINGS 266

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	3.07E-03	1.87E-04	5.37E-04	2.89E-06	1.20E+01
THC	1.00E-06	1.62E+00	1.32E-01	2.13E-01	2.73E-03	2.21E+02
SO2	5.08E-03	9.24E-02	1.24E-02	1.15E-02	1.02E-02	1.69E+00
THC-CH4	1.00E-06	9.38E-01	6.78E-02	1.03E-01	2.15E-03	1.54E+02
CH4	1.00E-06	6.82E-02	1.37E-02	1.71E-02	3.62E-04	1.17E+02
NOX	1.86E-02	7.69E-02	3.12E-02	9.23E-03	3.02E-02	1.27E+00
NO2	1.00E-06	6.00E-02	8.50E-03	7.89E-03	2.39E-03	2.19E+01
NO	1.30E-02	6.79E-02	2.15E-02	8.96E-03	2.02E-02	1.37E+00
OZONE	1.25E-02	2.29E-02	1.80E-02	2.62E-03	1.79E-02	1.16E+00
SOLAR RAD	5.54E-06	4.00E-03	3.51E-04	8.01E-04	4.45E-05	5.95E+00
TEMP	9	16	12	1		
HUMIDITY	87	161	130	20	128	1
BAROMETER	991	993	992	1	992	1
WIND SPEED	1	14	7	2	7	1

MAXIMUM
AVERAGE

H2S	1.82E-03
THC	3.81E-01
SO2	4.39E-02
THC-CH4	1.88E-01
CH4	4.54E-02
NOX	4.92E-02
NO2	1.37E-02
NO	3.57E-02
OZONE	2.24E-02
SOLAR RAD	3.11E-03
TEMP	15
HUMIDITY	159
BAROMETER	993
WIND SPEED	10
WIND DIRECTION	258

THUNDER BAY #6

DATE: AUG 3 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: GRAVEL PIT RD. (X3060-Y5770): 1.5KM @ 080 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
12:51----13:21	5.5E-03 8.3E-01 2.2E-02 994	2.9E+00 8.6E-02 3.0E-03 8	6.0E-03 4.5E-02 17 248	1.6E+00 4.5E-02 82
12:56----13:26	4.7E-03 8.5E-01 2.1E-02 994	2.8E+00 9.5E-02 3.0E-03 7	5.7E-03 5.0E-02 17 253	1.6E+00 5.3E-02 83
13:01----13:31	4.1E-03 8.7E-01 2.1E-02 994	2.8E+00 1.0E-01 2.8E-03 6	5.4E-03 4.9E-02 17 255	1.7E+00 5.8E-02 84
13:06----13:36	3.4E-03 8.7E-01 2.1E-02 994	2.9E+00 9.4E-02 2.3E-03 6	5.1E-03 5.3E-02 17 255	1.6E+00 4.6E-02 86
13:11----13:41	2.9E-03 8.5E-01 2.1E-02 994	2.9E+00 8.8E-02 2.2E-03 6	4.6E-03 4.5E-02 17 260	1.6E+00 4.7E-02 86
13:16----13:46	2.6E-03 8.5E-01 2.2E-02 994	2.7E+00 8.7E-02 2.2E-03 5	4.2E-03 4.0E-02 17 258	1.6E+00 5.5E-02 81
13:21----13:51	2.2E-03 8.6E-01 2.2E-02 994	2.8E+00 9.1E-02 2.0E-03 5	4.1E-03 4.0E-02 17 264	1.6E+00 5.9E-02 74
13:26----13:56	1.8E-03 8.6E-01 2.2E-02 994	2.7E+00 8.5E-02 2.0E-03 5	4.1E-03 3.4E-02 18 267	1.6E+00 5.9E-02 70
13:31----14:01	1.5E-03 8.6E-01 2.2E-02 994	2.8E+00 8.8E-02 2.5E-03 7	4.1E-03 3.8E-02 18 261	1.6E+00 5.9E-02 70
13:36----14:06	1.4E-03 8.6E-01 2.3E-02 994	2.7E+00 8.4E-02 2.8E-03 7	4.3E-03 2.9E-02 18 259	1.6E+00 6.5E-02 70

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
13:41----14:11	1.4E-03 8.7E-01 2.4E-02 994	2.7E+00 8.4E-02 2.8E-03 8	4.5E-03 2.5E-02 18 253	1.5E+00 6.7E-02 69
13:46----14:16	1.3E-03 8.7E-01 2.4E-02 994	2.7E+00 9.0E-02 2.7E-03 8	4.9E-03 3.1E-02 18 251	1.5E+00 6.2E-02 69
13:51----14:21	1.2E-03 8.7E-01 2.4E-02 994	2.7E+00 8.6E-02 2.6E-03 9	5.1E-03 2.6E-02 18 252	1.4E+00 6.1E-02 68
13:56----14:26	1.1E-03 8.7E-01 2.5E-02 994	2.7E+00 8.5E-02 2.4E-03 9	5.2E-03 2.5E-02 18 248	1.4E+00 6.3E-02 66
14:01----14:31	9.2E-04 8.7E-01 2.5E-02 994	2.9E+00 7.8E-02 1.9E-03 8	5.5E-03 1.6E-02 19 251	1.4E+00 7.2E-02 62
14:06----14:36	7.5E-04 8.7E-01 2.5E-02 994	3.1E+00 8.3E-02 1.9E-03 8	5.5E-03 1.4E-02 19 252	1.5E+00 8.0E-02 61
14:11----14:41	4.7E-04 8.8E-01 2.5E-02 993	3.2E+00 9.0E-02 2.1E-03 7	5.5E-03 2.1E-02 18 255	1.6E+00 8.1E-02 63
14:16----14:46	3.4E-04 8.8E-01 2.5E-02 993	3.4E+00 9.1E-02 2.3E-03 7	5.3E-03 1.7E-02 18 253	1.6E+00 8.4E-02 66
14:21----14:51	2.5E-04 8.8E-01 2.5E-02 993	3.4E+00 9.3E-02 2.7E-03 6	5.1E-03 1.5E-02 18 252	1.6E+00 9.1E-02 67
14:26----14:56	1.9E-04 8.8E-01 2.4E-02 993	3.6E+00 1.3E-01 2.9E-03 6	5.0E-03 5.2E-02 18 257	1.7E+00 9.6E-02 67
14:31----15:01	1.9E-04 8.8E-01 2.4E-02 993	3.2E+00 1.4E-01 3.1E-03 8	4.7E-03 6.1E-02 18 258	1.6E+00 8.8E-02 72

THUNDER BAY #6, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
14:36----15:06	1.6E-04 8.8E-01 2.4E-02 994	3.0E+00 1.4E-01 3.0E-03 8	4.3E-03 6.5E-02 18 258	1.5E+00 8.1E-02 78
14:41----15:11	3.2E-04 9.0E-01 2.5E-02 994	3.0E+00 1.2E-01 3.0E-03 9	3.9E-03 5.7E-02 18 255	1.5E+00 8.2E-02 80
14:46----15:16	4.6E-04 9.1E-01 2.5E-02 994	2.8E+00 1.2E-01 2.9E-03 9	3.5E-03 6.1E-02 18 252	1.5E+00 7.5E-02 80
14:51----15:21	6.1E-04 9.3E-01 2.6E-02 994	2.8E+00 1.2E-01 2.7E-03 10	3.4E-03 7.0E-02 18 250	1.6E+00 6.7E-02 81

STATISTICS

NUMBER OF READINGS 60

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	8.65E-03	1.95E-03	2.10E-03	7.57E-04	7.42E+00
THC	2.13E+00	5.46E+00	2.93E+00	7.94E-01	2.84E+00	1.26E+00
SO2	1.40E-03	7.70E-03	4.76E-03	1.26E-03	4.57E-03	1.34E+00
THC-CH4	1.12E+00	3.13E+00	1.57E+00	3.79E-01	1.53E+00	1.25E+00
CH4	7.26E-01	1.00E+00	8.73E-01	5.28E-02	8.71E-01	1.06E+00
NOX	3.31E-02	3.81E-01	9.55E-02	4.99E-02	8.72E-02	1.51E+00
NO2	1.00E-06	3.50E-01	3.94E-02	5.17E-02	3.71E-03	8.27E+01
NO	1.32E-02	1.33E-01	6.48E-02	2.98E-02	5.77E-02	1.67E+00
OZONE	1.93E-02	3.03E-02	2.36E-02	2.29E-03	2.35E-02	1.10E+00
SOLAR RAD	1.06E-03	4.93E-03	2.57E-03	8.83E-04	2.43E-03	1.41E+00
TEMP	15	20	18	1		
HUMIDITY	56	104	74	14	73	1
BAROMETER	993	994	994	0	994	1
WIND SPEED	3	19	8	3	7	2

MAXIMUM
AVERAGE

H2S	5.49E-03
THC	3.58E+00
SO2	6.04E-03
THC-CH4	1.70E+00
CH4	9.32E-01
NOX	1.39E-01
NO2	7.05E-02
NO	9.63E-02
OZONE	2.55E-02
SOLAR RAD	3.10E-03
TEMP	19
HUMIDITY	86
BAROMETER	994
WIND SPEED	10
WIND DIRECTION	267

THUNDER BAY #7

DATE: AUG 3 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: D.N.D. RIFLE RANGE (X3035-Y5730); 1.1KM & 090 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
16:28----16:58	2.9E-04 8.7E-01 2.8E-02 992	2.4E+00 7.6E-02 5.7E-02 13	7.5E-03 2.1E-02 20 252	1.4E+00 5.3E-02 54
16:43----17:13	1.5E-04 8.4E-01 2.7E-02 992	2.4E+00 8.1E-02 5.9E-02 14	8.0E-03 2.1E-02 21 253	1.3E+00 5.5E-02 51
16:58----17:28	2.2E-04 8.3E-01 2.9E-02 992	2.3E+00 6.3E-02 5.2E-02 15	7.7E-03 1.8E-02 21 248	1.2E+00 4.1E-02 48
17:13----17:43	7.7E-05 8.2E-01 2.8E-02 992	2.3E+00 4.7E-02 5.1E-02 15	2.0E-02 1.8E-02 21 246	1.2E+00 3.0E-02 46
17:28----17:58	1.1E-04 8.1E-01 2.8E-02 992	2.3E+00 5.2E-02 5.2E-02 12	2.7E-02 2.5E-02 22 257	1.3E+00 3.2E-02 43
17:43----18:13	1.1E-04 8.1E-01 3.0E-02 992	2.4E+00 5.3E-02 3.9E-02 10	1.5E-02 1.9E-02 22 260	1.2E+00 3.9E-02 42
17:58----18:28	1.5E-04 8.1E-01 2.8E-02 992	2.3E+00 5.1E-02 1.8E-02 13	9.0E-03 1.7E-02 19 251	1.2E+00 3.5E-02 60
18:13----18:43	1.1E-03 8.1E-01 2.9E-02 993	2.3E+00 4.4E-02 9.4E-03 10	6.6E-03 1.9E-02 16 241	1.3E+00 2.5E-02 96
18:28----18:58	1.2E-03 8.1E-01 2.9E-02 993	2.3E+00 3.6E-02 1.0E-02 11	3.9E-03 1.5E-02 14 237	1.2E+00 2.1E-02 117
18:43----19:13	2.2E-04 8.1E-01 3.1E-02 993	2.1E+00 2.6E-02 2.2E-02 15	3.1E-03 1.2E-02 14 240	1.1E+00 1.5E-02 118

THUNDER BAY #7, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
18:58----19:28	1.3E-05 8.0E-01 3.3E-02 993	2.1E+00 2.2E-02 3.1E-02 14	3.7E-03 1.1E-02 15 239	1.1E+00 1.2E-02 105
19:13----19:43	7.7E-05 8.0E-01 2.9E-02 993	2.1E+00 3.1E-02 1.9E-02 11	4.2E-03 1.8E-02 16 242	1.1E+00 1.5E-02 95
19:28----19:58	1.4E-04 8.1E-01 2.4E-02 992	2.3E+00 4.2E-02 1.2E-02 9	4.0E-02 2.6E-02 16 247	1.2E+00 1.9E-02 98
19:43----20:13	1.3E-04 7.9E-01 2.3E-02 992	2.2E+00 3.6E-02 7.0E-03 9	6.2E-02 1.9E-02 16 249	1.2E+00 1.8E-02 100
19:58----20:28	1.5E-04 7.8E-01 2.6E-02 992	2.1E+00 2.9E-02 4.0E-03 11	3.1E-02 1.0E-02 16 251	1.1E+00 1.9E-02 100
20:13----20:43	1.2E-04 8.0E-01 2.7E-02 992	2.1E+00 3.1E-02 3.0E-03 12	1.1E-02 1.0E-02 16 251	1.1E+00 2.1E-02 98
20:28----20:58	3.7E-05 8.0E-01 2.9E-02 992	2.1E+00 3.0E-02 2.3E-03 13	7.3E-03 1.1E-02 15 250	1.1E+00 1.8E-02 101
20:43----21:13	5.9E-06 8.0E-01 2.9E-02 992	2.1E+00 2.6E-02 1.7E-03 15	5.4E-03 8.6E-03 15 249	1.1E+00 1.6E-02 106
20:58----21:28	1.0E-06 8.0E-01 2.9E-02 992	2.0E+00 2.1E-02 1.1E-03 17	4.1E-03 6.3E-03 14 244	1.0E+00 1.4E-02 109
21:13----21:43	1.0E-06 8.0E-01 2.9E-02 992	2.0E+00 1.8E-02 4.4E-04 19	3.6E-03 6.5E-03 14 242	1.0E+00 1.1E-02 110
21:28----21:58	1.0E-06 8.0E-01 2.9E-02 993	2.0E+00 1.5E-02 1.3E-04 19	3.3E-03 6.5E-03 14 243	1.0E+00 8.7E-03 112

THUNDER BAY #7: CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
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STATISTICS

NUMBER OF READINGS 228

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEVIATION
H2S	1.00E-06	2.92E-03	2.03E-04	5.10E-04	5.82E-06	1.58E+01
THC	1.99E+00	3.45E+00	2.19E+00	1.95E-01	2.19E+00	1.09E+00
SO2	1.38E-03	1.71E-01	1.28E-02	2.11E-02	7.40E-03	2.45E+00
THC-CH4	9.81E-01	3.84E+00	1.16E+00	2.23E-01	1.15E+00	1.14E+00
CH4	7.34E-01	9.55E-01	8.11E-01	2.53E-02	8.11E-01	1.03E+00
NOX	1.00E-02	1.87E-01	3.87E-02	2.36E-02	3.33E-02	1.72E+00
NO2	1.00E-06	1.19E-01	1.48E-02	1.32E-02	7.98E-03	7.69E+00
NO	5.68E-03	1.08E-01	2.42E-02	1.73E-02	2.00E-02	1.82E+00
OZONE	1.56E-02	3.55E-02	2.84E-02	3.19E-03	2.82E-02	1.13E+00
SOLAR RAD	2.08E-05	7.36E-02	2.09E-02	2.28E-02	6.12E-03	8.72E+00
TEMP	13	25	17	3		
HUMIDITY	37	158	87	29	81	1
BAROMETER	992	993	992	0	992	
WIND SPEED	2	31	14	5	13	

MAXIMUM
AVERAGE

H2S	1.20E-03
THC	2.38E+00
SO2	6.24E-02
THC-CH4	1.37E+00
CH4	8.67E-01
NOX	8.13E-02
NO2	2.58E-02
NO	5.53E-02
OZONE	3.31E-02
SOLAR RAD	5.85E-02
TEMP	22
HUMIDITY	118
BAROMETER	993
WIND SPEED	19
WIND DIRECTION	260

THUNDER BAY #8

DATE: AUG 3 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: C.N.R.A. REC. CENTRE (X3050-Y5830); 1.7KM @ 050 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
22:32----23:02	1.6E-03 8.6E-01 1.9E-02 994	2.7E+00 8.1E-02 2.4E-06 8	1.6E-03 3.1E-02 13 237	1.5E+00 6.1E-02 127
22:47----23:17	1.6E-03 8.6E-01 2.0E-02 994	2.6E+00 7.9E-02 7.1E-06 8	1.9E-03 3.0E-02 13 238	1.4E+00 5.4E-02 124
23:02----23:32	1.7E-03 8.8E-01 2.0E-02 994	2.6E+00 8.0E-02 9.7E-06 9	2.3E-03 3.6E-02 13 235	1.5E+00 5.2E-02 121
23:17----23:47	1.8E-03 8.7E-01 2.1E-02 994	2.6E+00 8.4E-02 8.5E-06 10	2.7E-03 3.8E-02 13 235	1.5E+00 5.3E-02 120
23:32----00:02	1.9E-03 8.6E-01 2.1E-02 994	2.7E+00 8.3E-02 8.9E-06 10	3.0E-03 3.0E-02 13 242	1.6E+00 6.0E-02 123
23:47----00:17	1.8E-03 8.4E-01 2.1E-02 993	3.0E+00 8.0E-02 9.7E-06 10	3.1E-03 2.1E-02 13 243	1.6E+00 6.6E-02 124
00:02----00:32	1.7E-03 8.4E-01 2.2E-02 994	2.9E+00 7.1E-02 1.1E-05 10	3.2E-03 2.0E-02 13 242	1.5E+00 5.5E-02 124
00:17----00:47	1.8E-03 8.4E-01 2.2E-02 994	2.8E+00 6.8E-02 1.0E-05 10	3.1E-03 2.2E-02 13 245	1.4E+00 5.2E-02 125
00:32----01:02	1.7E-03 8.4E-01 2.3E-02 994	2.7E+00 7.8E-02 8.1E-06 10	3.1E-03 2.4E-02 13 248	1.5E+00 5.7E-02 125
00:47----01:17	1.9E-03 8.5E-01 2.3E-02 994	2.8E+00 8.1E-02 1.2E-05 11	1.5E-02 3.1E-02 13 249	1.5E+00 5.2E-02 126

THUNDER BAY #8, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
01:02----01:32	2.3E-03 8.8E-01 2.3E-02 994	2.9E+00 7.4E-02 2.2E-05 12	2.9E-02 3.1E-02 13 245	1.6E+00 4.7E-02 126
01:17----01:47	2.4E-03 9.0E-01 2.4E-02 993	2.7E+00 6.3E-02 2.3E-05 13	2.1E-02 2.2E-02 13 243	1.5E+00 4.0E-02 124
01:32----02:02	2.6E-03 9.3E-01 2.5E-02 993	2.9E+00 5.6E-02 1.6E-05 14	1.0E-02 1.5E-02 13 245	1.6E+00 4.1E-02 124
01:47----02:17	3.7E-03 1.0E+00 2.5E-02 993	3.4E+00 6.1E-02 1.3E-05 14	7.7E-03 2.0E-02 14 253	1.8E+00 4.2E-02 125
02:02----02:32	5.2E-03 1.1E+00 2.5E-02 993	3.7E+00 6.9E-02 1.2E-05 13	6.7E-03 2.9E-02 14 259	2.0E+00 4.1E-02 125
02:17----02:47	6.5E-03 1.0E+00 2.4E-02 993	3.6E+00 7.6E-02 9.4E-06 11	6.1E-03 3.7E-02 14 263	2.1E+00 4.4E-02 125
02:32----03:02	8.1E-03 9.6E-01 2.3E-02 993	3.5E+00 8.8E-02 6.8E-06 12	5.7E-03 4.2E-02 14 267	2.1E+00 5.4E-02 127
02:47----03:17	9.5E-03 9.5E-01 2.2E-02 993	3.6E+00 9.5E-02 9.3E-06 13	5.4E-03 5.0E-02 14 267	2.1E+00 5.3E-02 129
03:02----03:32	1.0E-02 9.7E-01 2.3E-02 993	3.9E+00 9.6E-02 1.3E-05 12	5.0E-03 5.2E-02 14 267	2.1E+00 5.7E-02 129
03:17----03:47	1.1E-02 9.6E-01 2.2E-02 993	3.8E+00 1.1E-01 1.1E-05 11	4.9E-03 6.3E-02 14 264	2.1E+00 5.9E-02 130
03:32----04:02	9.3E-03 1.0E+00 2.3E-02 994	3.6E+00 1.0E-01 8.7E-06 11	4.7E-03 6.4E-02 14 263	2.0E+00 4.7E-02 132

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
03:47----04:17	6.8E-03 1.0E+00 2.5E-02 994	3.5E+00 8.1E-02 9.2E-06 11	4.4E-03 3.8E-02 13 258	1.9E+00 4.7E-02 135
04:02----04:32	5.3E-03 1.1E+00 2.4E-02 993	3.5E+00 8.1E-02 1.2E-05 12	4.4E-03 3.0E-02 14 258	1.8E+00 5.0E-02 135
04:17----04:47	5.0E-03 1.1E+00 2.3E-02 993	3.4E+00 8.5E-02 1.3E-05 12	4.3E-03 2.9E-02 14 262	1.9E+00 5.4E-02 133
04:32----05:02	5.1E-03 1.0E+00 2.2E-02 993	3.3E+00 8.8E-02 1.5E-05 13	4.4E-03 4.4E-02 14 261	1.8E+00 4.8E-02 130
04:47----05:17	4.8E-03 9.4E-01 2.3E-02 993	3.1E+00 7.8E-02 1.5E-05 13	4.3E-03 4.1E-02 14 255	1.6E+00 4.3E-02 128
05:02----05:32	4.1E-03 8.9E-01 2.3E-02 993	2.8E+00 5.9E-02 1.1E-05 13	3.9E-03 1.9E-02 14 253	1.5E+00 4.2E-02 126
05:17----05:47	3.5E-03 8.8E-01 2.3E-02 993	2.6E+00 5.9E-02 1.3E-05 13	3.6E-03 2.1E-02 14 254	1.4E+00 3.9E-02 127
05:32----06:02	3.2E-03 8.7E-01 2.3E-02 993	2.6E+00 5.7E-02 2.6E-05 14	3.4E-03 2.3E-02 14 254	1.4E+00 3.6E-02 126
05:47----06:17	4.0E-03 8.7E-01 2.4E-02 993	2.8E+00 5.9E-02 3.6E-05 15	3.8E-03 2.5E-02 14 258	1.5E+00 3.7E-02 122
06:02----06:32	5.9E-03 9.2E-01 2.4E-02 993	3.2E+00 6.8E-02 7.4E-05 14	4.8E-03 3.4E-02 15 258	1.8E+00 4.0E-02 119
06:17----06:47	8.6E-03 9.5E-01 2.4E-02 993	3.6E+00 8.6E-02 2.5E-04 13	6.5E-03 5.1E-02 15 261	2.0E+00 4.6E-02 119

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
06:32----07:02	1.0E-02 9.5E-01 2.5E-02 993	3.6E+00 8.7E-02 7.4E-04 14	6.3E-03 4.7E-02 15 260	1.9E+00 5.0E-02 118
06:47----07:17	9.4E-03 1.0E+00 2.8E-02 993	3.5E+00 7.7E-02 1.5E-03 15	4.8E-03 3.5E-02 15 257	1.8E+00 4.7E-02 116
07:02----07:32	8.1E-03 1.0E+00 2.8E-02 993	3.5E+00 7.9E-02 3.8E-03 16	4.8E-03 3.3E-02 15 259	1.8E+00 5.0E-02 113
07:17----07:47	7.5E-03 1.0E+00 2.8E-02 994	3.3E+00 7.1E-02 8.0E-03 16	5.1E-03 2.5E-02 15 258	1.7E+00 5.0E-02 109
07:32----08:02	8.6E-03 9.6E-01 2.7E-02 994	3.3E+00 8.2E-02 8.6E-03 14	5.7E-03 3.0E-02 16 261	2.0E+00 6.1E-02 106
07:47----08:17	1.2E-02 9.4E-01 2.9E-02 994	3.6E+00 9.2E-02 8.8E-03 13	6.2E-03 3.5E-02 16 266	2.2E+00 6.9E-02 106
08:02----08:32	1.6E-02 9.2E-01 3.0E-02 994	3.5E+00 8.4E-02 1.0E-02 13	6.4E-03 3.5E-02 16 265	2.1E+00 5.7E-02 105
08:17----08:47	1.7E-02 9.1E-01 2.9E-02 994	3.5E+00 9.4E-02 1.2E-02 12	6.6E-03 4.9E-02 16 265	2.0E+00 5.3E-02 103
08:32----09:02	1.6E-02 9.2E-01 3.0E-02 994	3.3E+00 8.0E-02 1.6E-02 14	6.5E-03 4.0E-02 16 263	1.9E+00 4.5E-02 102
08:47----09:17	1.3E-02 9.5E-01 2.9E-02 994	3.3E+00 6.8E-02 2.2E-02 15	6.0E-03 2.5E-02 17 260	1.9E+00 4.6E-02 99
09:02----09:32	1.1E-02 9.3E-01 2.6E-02 994	4.1E+00 1.2E-01 2.8E-02 14	7.5E-03 4.3E-02 17 260	2.2E+00 8.4E-02 92

THUNDER BAY #8, CONT'D

PAGE 5

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
09:17----09:47	1.2E-02 8.9E-01 2.4E-02 994	4.1E+00 1.4E-01 2.8E-02 13	9.1E-03 5.3E-02 18 265	2.3E+00 1.0E-01 88
09:32----10:02	1.1E-02 8.6E-01 2.5E-02 994	3.4E+00 1.3E-01 3.3E-02 13	8.8E-03 4.4E-02 18 268	2.0E+00 8.9E-02 87
09:47----10:17	1.1E-02 8.8E-01 2.7E-02 994	3.7E+00 1.3E-01 3.8E-02 12	9.1E-03 3.8E-02 19 261	2.1E+00 1.0E-01 82
10:02----10:32	1.0E-02 8.8E-01 2.7E-02 994	3.4E+00 1.2E-01 4.3E-02 12	9.4E-03 3.5E-02 20 261	2.0E+00 9.6E-02 77
10:17----10:47	7.9E-03 8.4E-01 2.6E-02 995	2.9E+00 1.0E-01 5.0E-02 13	8.4E-03 2.5E-02 20 264	1.6E+00 8.3E-02 72
10:32----11:02	7.0E-03 8.3E-01 2.8E-02 995	3.0E+00 9.1E-02 5.6E-02 13	7.5E-03 1.6E-02 21 264	1.6E+00 8.4E-02 69
10:47----11:17	7.2E-03 8.2E-01 2.9E-02 994	3.2E+00 9.9E-02 6.4E-02 12	7.2E-03 3.0E-02 23 262	1.7E+00 7.6E-02 63
11:02----11:32	7.5E-03 8.2E-01 3.0E-02 994	3.4E+00 9.2E-02 6.7E-02 12	7.1E-03 2.7E-02 24 262	1.8E+00 7.1E-02 57
11:17----11:47	7.6E-03 8.4E-01 3.0E-02 994	3.5E+00 8.7E-02 6.8E-02 11	7.4E-03 3.0E-02 25 265	2.0E+00 7.1E-02 54

STATISTICS

NUMBER OF READINGS 533

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.33E-03	2.12E-02	6.78E-03	4.24E-03	5.36E-03	2.09E-03
THC	2.15E+00	9.90E+00	3.24E+00	7.92E-01	3.16E+00	1.24E+00
SO2	1.00E-06	4.98E-02	6.38E-03	5.40E-03	5.10E-03	2.22E-03
THC-CH4	1.10E+00	4.36E+00	1.80E+00	4.92E-01	1.74E+00	1.28E+00
CH4	7.92E-01	1.22E+00	9.20E-01	8.25E-02	9.16E-01	1.09E+00
NOX	3.50E-02	3.65E-01	8.47E-02	3.75E-02	7.88E-02	1.43E+00
NO2	1.00E-06	3.39E-01	3.38E-02	3.71E-02	4.14E-03	6.27E-01
NO	2.26E-02	2.69E-01	5.72E-02	3.15E-02	5.13E-02	1.55E-02
OZONE	1.60E-02	3.74E-02	2.47E-02	3.59E-03	2.45E-02	1.15E+00
SOLAR RAD	1.00E-06	7.47E-02	1.16E-02	2.07E-02	1.91E-04	4.40E+01
TEMP	13	26	15	3		
HUMIDITY	50	137	112	22	109	
BAROMETER	993	995	994	0	994	1
WIND SPEED	4	23	13	3	12	1

MAXIMUM
AVERAGE

H2S	1.67E-02
THC	4.13E+00
SO2	2.87E-02
THC-CH4	2.27E+00
CH4	1.08E+00
NOX	1.45E-01
NO2	6.36E-02
NO	1.01E-01
OZONE	3.02E-02
SOLAR RAD	6.81E-02
TEMP	25
HUMIDITY	135
BAROMETER	995
WIND SPEED	16
WIND DIRECTION	268

THUNDER BAY #9

DATE: AUG 4 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: C.N.R.A. REC. CENTRE (X3050-Y5830); 1.7KM @ 050 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
16:52----17:22	6.3E-03 1.0E-06 3.9E-02 992	1.1E+00 5.4E-02 4.6E-03 13	9.1E-03 2.5E-02 29 244	4.5E-01 4.7E-02 39
17:07----17:37	4.0E-03 1.0E-06 3.7E-02 992	6.3E-01 5.9E-02 4.5E-03 12	4.1E-02 2.1E-02 29 243	6.1E-01 3.8E-02 40
17:22----17:52	2.7E-03 1.0E-06 3.6E-02 992	1.2E+00 5.2E-02 4.5E-03 12	4.6E-02 1.2E-02 29 238	1.0E+00 4.5E-02 40
17:37----18:07	2.6E-03 1.0E-06 3.7E-02 992	2.5E+00 5.9E-02 4.5E-03 13	1.2E-02 2.4E-02 29 245	1.4E+00 5.3E-02 39
17:52----18:22	2.7E-03 1.0E-06 3.7E-02 992	2.0E+00 6.3E-02 4.4E-03 13	8.1E-03 3.1E-02 29 243	1.2E+00 4.5E-02 40
18:07----18:37	1.8E-03 1.0E-06 3.7E-02 992	1.2E+00 5.3E-02 4.3E-03 14	7.4E-03 1.6E-02 28 237	7.3E-01 5.0E-02 40
18:22----18:52	1.5E-03 1.0E-06 3.8E-02 992	2.0E+00 5.0E-02 6.1E-03 13	7.4E-03 1.1E-02 28 240	5.4E-01 5.3E-02 40
18:37----19:07	1.8E-03 1.0E-06 3.9E-02 992	1.2E+00 5.5E-02 1.5E-02 13	7.1E-03 2.0E-02 28 241	5.6E-01 3.9E-02 41
18:52----19:22	1.2E-03 1.0E-06 3.8E-02 992	3.9E-01 5.6E-02 2.3E-02 12	6.7E-03 2.0E-02 28 239	3.2E-01 3.6E-02 41
19:07----19:37	5.4E-04 4.3E-02 3.8E-02 992	5.7E-01 5.4E-02 2.4E-02 11	6.8E-03 1.5E-02 28 237	3.3E-01 4.8E-02 42

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
19:22----19:52	3.2E-04 1.5E-01 3.7E-02 992	6.9E-01 6.5E-02 2.1E-02 11	6.8E-03 1.7E-02 28 241	5.1E-01 6.2E-02 42
19:37----20:07	1.8E-04 2.5E-01 3.6E-02 992	5.5E-01 6.7E-02 1.7E-02 10	9.8E-03 1.7E-02 28 243	4.5E-01 6.1E-02 42
19:52----20:22	1.0E-04 3.0E-01 3.5E-02 991	2.9E-01 5.9E-02 1.3E-02 10	4.2E-02 1.3E-02 27 240	2.8E-01 5.6E-02 44
20:07----20:37	3.1E-04 3.3E-01 3.4E-02 991	7.8E-01 9.7E-02 6.5E-03 8	4.4E-02 3.4E-02 27 234	4.2E-01 6.6E-02 45
20:22----20:52	2.2E-04 3.5E-01 3.6E-02 991	1.3E+00 1.4E-01 2.9E-03 5	1.3E-02 6.6E-02 27 224	5.3E-01 7.3E-02 47
20:37----21:07	1.2E-05 3.1E-01 4.2E-02 991	7.8E-01 1.2E-01 1.8E-03 5	6.9E-03 4.6E-02 27 221	3.0E-01 7.8E-02 49
20:52----21:22	1.0E-06 2.5E-01 4.5E-02 991	4.6E-01 1.1E-01 1.2E-03 7	5.6E-03 3.6E-02 26 222	2.1E-01 8.5E-02 51
21:07----21:37	1.0E-06 2.1E-01 4.7E-02 992	2.6E-01 1.1E-01 6.1E-04 7	5.3E-03 3.7E-02 25 223	3.4E-01 7.5E-02 52
21:22----21:52	1.0E-06 2.0E-01 4.6E-02 992	6.4E-01 1.2E-01 2.1E-04 6	5.2E-03 5.0E-02 25 224	4.5E-01 8.3E-02 53
21:37----22:07	1.0E-06 1.9E-01 4.4E-02 992	1.0E+00 1.5E-01 4.4E-05 5	5.8E-03 6.8E-02 25 228	5.4E-01 1.0E-01 53
21:52----22:22	1.0E-06 1.7E-01 4.6E-02 992	4.8E-01 1.3E-01 5.3E-06 6	5.7E-03 4.4E-02 25 232	4.7E-01 8.9E-02 53

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
22:07----22:37	1.0E-06 1.4E-01 4.7E-02 992	3.3E-01 8.8E-02 3.9E-06 6	4.9E-03 3.1E-02 24 234	2.0E-01 5.8E-02 53
22:22----22:52	1.0E-06 1.4E-01 4.5E-02 992	6.5E-01 1.0E-01 4.4E-06 7	4.6E-03 5.0E-02 24 235	2.7E-01 5.8E-02 55
22:37----23:07	1.0E-06 1.5E-01 4.5E-02 992	6.7E-01 1.0E-01 4.6E-06 7	5.0E-03 4.6E-02 23 238	3.1E-01 6.9E-02 57
22:52----23:22	1.0E-06 1.2E-01 4.6E-02 992	4.0E-01 8.3E-02 6.6E-06 7	5.1E-03 2.7E-02 24 237	1.8E-01 6.7E-02 56
23:07----23:37	1.0E-06 7.6E-02 4.9E-02 992	2.3E-01 8.5E-02 7.1E-06 7	5.1E-03 3.6E-02 24 235	2.5E-01 5.4E-02 56
23:22----23:52	1.0E-06 8.1E-02 5.2E-02 992	1.9E-01 7.7E-02 5.7E-06 9	5.6E-03 2.3E-02 23 233	2.2E-01 5.5E-02 58
23:37----00:07	1.0E-06 7.5E-02 5.4E-02 992	1.2E-01 7.1E-02 6.2E-06 11	5.6E-03 2.0E-02 22 232	8.1E-02 5.3E-02 60
23:52----00:22	1.0E-06 3.5E-02 5.5E-02 992	1.7E-01 6.3E-02 5.8E-06 12	5.6E-03 1.7E-02 22 237	5.5E-02 4.7E-02 60
00:07----00:37	1.0E-06 2.3E-02 5.5E-02 992	1.4E-01 6.1E-02 7.2E-06 12	5.8E-03 1.8E-02 22 243	4.1E-02 4.4E-02 58
00:22----00:52	1.0E-06 1.6E-02 5.4E-02 992	6.4E-02 6.7E-02 9.4E-06 13	8.3E-03 2.8E-02 22 243	4.6E-02 4.1E-02 57
00:37----01:07	1.0E-06 2.5E-02 5.1E-02 991	1.8E-01 6.6E-02 6.9E-06 13	2.3E-02 2.5E-02 22 240	1.2E-01 4.4E-02 58

THUNDER BAY #9, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
00:52----01:22	1.0E-06 2.4E-02 4.6E-02 991	2.1E-01 6.9E-02 6.4E-06 13	2.7E-02 3.0E-02 22 239	8.5E-02 4.2E-02 57
01:07----01:37	1.0E-06 2.3E-02 4.3E-02 991	2.0E-01 8.0E-02 6.3E-06 12	1.6E-02 4.3E-02 22 238	1.0E-01 4.2E-02 58
01:22----01:52	1.0E-06 4.8E-02 4.2E-02 991	3.7E-01 8.5E-02 4.3E-06 12	1.3E-02 4.6E-02 22 238	1.9E-01 4.3E-02 60
01:37----02:07	1.0E-06 6.8E-02 4.2E-02 991	6.3E-01 8.4E-02 5.4E-06 11	1.1E-02 3.9E-02 22 241	2.6E-01 4.9E-02 61
01:52----02:22	1.0E-06 1.0E-01 4.1E-02 991	7.4E-01 8.5E-02 8.1E-06 9	1.1E-02 3.2E-02 22 245	5.5E-01 5.9E-02 61
02:07----02:37	1.0E-06 1.4E-01 4.1E-02 991	7.6E-01 9.4E-02 7.6E-06 8	1.0E-02 3.7E-02 22 246	6.5E-01 6.2E-02 61
02:22----02:52	1.0E-06 1.6E-01 4.1E-02 991	8.8E-01 9.9E-02 6.6E-06 9	1.0E-02 3.9E-02 22 251	4.7E-01 6.2E-02 60
02:37----03:07	1.0E-06 1.1E-01 4.1E-02 990	8.1E-01 1.1E-01 7.1E-06 9	9.6E-03 4.7E-02 22 256	3.3E-01 6.1E-02 60
02:52----03:22	1.7E-05 6.6E-02 4.2E-02 990	6.5E-01 1.1E-01 5.4E-06 10	9.2E-03 5.5E-02 21 254	3.3E-01 6.2E-02 62
03:07----03:37	1.7E-05 1.2E-01 4.0E-02 990	6.6E-01 1.1E-01 3.6E-06 9	8.9E-03 3.3E-02 21 249	5.8E-01 7.8E-02 64
03:22----03:52	1.0E-06 2.2E-01 4.2E-02 990	7.5E-01 9.6E-02 9.5E-06 8	8.7E-03 2.6E-02 21 244	6.4E-01 7.2E-02 64

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
03:37----04:07	1.0E-06 1.4E-01 4.4E-02 990	5.0E-01 7.9E-02 1.3E-05 10	4.4E-02 2.8E-02 21 241	3.2E-01 5.1E-02 64
03:52----04:22	1.0E-06 4.6E-02 4.1E-02 990	4.7E-01 8.0E-02 8.3E-06 11	1.0E-01 3.5E-02 21 243	1.9E-01 4.7E-02 65
04:07----04:37	1.0E-06 5.5E-02 4.1E-02 990	5.4E-01 7.8E-02 6.9E-06 11	7.8E-02 3.8E-02 21 243	1.9E-01 4.4E-02 65
04:22----04:52	1.0E-06 1.7E-02 4.4E-02 990	2.8E-01 6.6E-02 6.3E-06 11	2.1E-02 2.3E-02 21 236	7.0E-02 4.4E-02 63
04:37----05:07	1.0E-06 5.7E-06 4.6E-02 990	1.9E-01 7.1E-02 5.2E-06 12	1.3E-02 2.1E-02 20 234	1.2E-01 4.9E-02 64
04:52----05:22	1.0E-06 5.7E-06 4.5E-02 990	9.6E-02 8.0E-02 4.9E-06 12	1.1E-02 2.8E-02 20 237	1.3E-01 5.4E-02 65
05:07----05:37	1.0E-06 5.7E-06 3.8E-02 984	3.8E-02 6.9E-02 5.3E-06 11	8.5E-03 2.5E-02 12 247	5.7E-02 4.5E-02 57
05:22----05:52	1.0E-06 5.7E-06 1.6E-02 964	2.5E-05 2.6E-02 9.4E-06 10	3.6E-03 8.8E-03 -18 288	1.1E-02 1.7E-02 25
05:37----06:07	1.0E-06 5.7E-06 2.0E-06 950	2.5E-05 4.3E-06 1.5E-05 13	3.3E-04 2.0E-06 -40 316	1.4E-05 2.1E-06 0
05:52----06:22	1.0E-06 5.7E-06 2.0E-06 950	2.5E-05 4.3E-06 3.3E-05 12	3.3E-04 2.0E-06 -40 316	1.4E-05 2.1E-06 0
06:07----06:37	1.0E-06 5.7E-06 2.0E-06 950	2.5E-05 4.3E-06 1.5E-04 11	3.3E-04 2.0E-06 -40 316	1.4E-05 2.1E-06 0

THUNDER BAY #9, CONT'D

PAGE 6

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
06:22----06:52	1.0E-06 5.7E-06 2.0E-06 950	2.5E-05 4.3E-06 5.3E-04 12	3.3E-04 2.0E-06 -40 316	1.4E-05 2.1E-06 0

STATISTICS

NUMBER OF READINGS 338

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	9.41E-03	5.37E-04	1.43E-03	5.54E-06	2.25E-01
THC	1.00E-06	9.24E+00	5.79E-01	1.14E+00	2.91E-03	6.68E-02
SO2	3.33E-04	2.40E-01	1.43E-02	2.69E-02	7.03E-03	3.47E+00
THC-CH4	1.00E-06	4.69E+00	3.35E-01	5.61E-01	2.47E-03	5.01E+02
CH4	1.00E-06	4.22E-01	8.83E-02	1.07E-01	1.25E-03	2.75E+02
NOX	1.00E-06	2.43E-01	7.40E-02	4.34E-02	2.52E-02	2.88E-01
NO2	1.00E-06	2.29E-01	2.82E-02	3.55E-02	1.59E-03	1.02E+02
NO	1.00E-06	1.64E-01	5.13E-02	3.11E-02	1.79E-02	2.58E+01
OZONE	1.00E-06	5.64E-02	3.86E-02	1.39E-02	1.50E-02	2.38E-01
SOLAR RAD	1.00E-06	2.50E-02	2.89E-03	6.08E-03	5.88E-05	3.41E+01
TEMP	-40	30	18	19		
HUMIDITY	0	69	48	18	16	34
BAROMETER	950	992	987	12	987	
WIND SPEED	3	19	10	3	10	1

MAXIMUM AVERAGE

H2S	6.30E-03
THC	2.52E+00
SO2	1.04E-01
THC-CH4	1.35E+00
CH4	3.45E-01
NOX	1.51E-01
NO2	6.79E-02
NO	1.05E-01
OZONE	5.47E-02
SOLAR RAD	2.35E-02
TEMP	29
HUMIDITY	65
BAROMETER	992
WIND SPEED	14
WIND DIRECTION	316

THUNDER BAY #10

DATE: AUG 5 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: D.N.D. RIFLE RANGE (X3035-Y5730); 1.1KM @ 090 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
15:52----16:22	5.4E-03 1.9E-01 4.3E-02 991	1.6E+00 2.9E-02 5.0E-02 4	5.4E-03 4.8E-03 30 252	6.2E-01 3.1E-02 38
16:07----16:37	5.0E-03 2.1E-01 4.4E-02 991	1.4E+00 3.1E-02 4.7E-02 6	5.2E-03 6.1E-03 30 247	4.6E-01 3.2E-02 38
16:22----16:52	3.8E-03 2.2E-01 4.5E-02 991	1.1E+00 3.1E-02 5.7E-02 6	4.8E-03 1.3E-02 30 247	4.3E-01 2.0E-02 36
16:37----17:07	2.8E-03 2.6E-01 4.5E-02 992	1.5E+00 4.2E-02 5.7E-02 5	5.7E-03 1.7E-02 31 262	6.3E-01 2.5E-02 32
16:52----17:22	2.6E-03 2.8E-01 4.4E-02 992	2.5E+00 6.5E-02 5.4E-02 3	7.8E-03 1.5E-02 32 274	9.7E-01 6.4E-02 29
17:07----17:37	1.6E-03 2.6E-01 4.3E-02 992	2.7E+00 9.0E-02 5.1E-02 2	8.1E-03 3.0E-02 32 234	1.3E+00 8.0E-02 28
17:22----17:52	9.0E-04 2.3E-01 4.6E-02 992	1.7E+00 7.2E-02 4.8E-02 5	7.1E-03 2.9E-02 31 232	9.3E-01 4.8E-02 28
17:37----18:07	7.2E-04 2.3E-01 4.7E-02 992	1.5E+00 6.4E-02 4.5E-02 4	7.8E-03 2.2E-02 30 232	8.8E-01 4.2E-02 28
17:52----18:22	3.6E-04 2.5E-01 4.4E-02 992	1.4E+00 7.1E-02 4.2E-02 1	8.6E-03 2.2E-02 30 193	1.2E+00 4.9E-02 27
18:07----18:37	1.0E-04 2.3E-01 4.3E-02 992	9.1E-01 5.3E-02 3.9E-02 1	7.4E-03 6.7E-03 31 265	6.7E-01 4.5E-02 27

THUNDER BAY #10, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
18:22----18:52	2.9E-04 1.9E-01 4.4E-02 993	9.8E-01 4.4E-02 3.5E-02 2	6.8E-03 6.1E-03 30 274	3.8E-01 3.7E-02 28
18:37----19:07	7.6E-04 2.0E-01 4.6E-02 993	8.0E-01 3.7E-02 3.2E-02 3	6.6E-03 7.7E-03 29 259	4.6E-01 2.9E-02 28
18:52----19:22	1.4E-03 3.0E-01 4.4E-02 993	7.8E-01 3.4E-02 2.9E-02 3	7.2E-03 7.8E-03 28 48	5.2E-01 2.6E-02 31
19:07----19:37	1.6E-03 4.6E-01 3.7E-02 993	1.3E+00 4.7E-02 2.2E-02 9	6.4E-03 1.2E-02 26 62	5.8E-01 3.8E-02 44
19:22----19:52	6.2E-04 5.2E-01 3.0E-02 994	1.2E+00 4.7E-02 1.1E-02 13	3.8E-03 1.2E-02 23 62	4.5E-01 4.0E-02 55
19:37----20:07	1.7E-05 4.6E-01 2.4E-02 994	6.8E-01 3.7E-02 3.7E-03 15	2.8E-03 1.2E-02 22 61	2.5E-01 2.9E-02 60
19:52----20:22	1.0E-06 3.5E-01 2.3E-02 994	5.4E-01 3.3E-02 3.2E-03 15	2.9E-03 9.5E-03 21 62	2.1E-01 2.7E-02 64
20:07----20:37	1.0E-06 2.6E-01 2.3E-02 994	4.9E-01 2.7E-02 2.8E-03 15	3.2E-03 4.6E-03 20 63	2.3E-01 2.7E-02 66
20:22----20:52	1.0E-06 1.9E-01 2.3E-02 995	5.6E-01 3.1E-02 2.4E-03 15	3.5E-03 9.0E-03 19 68	2.6E-01 2.6E-02 70
20:37----21:07	1.0E-06 1.2E-01 2.2E-02 995	7.2E-01 4.2E-02 1.8E-03 15	3.6E-03 1.1E-02 19 72	3.2E-01 3.2E-02 76
20:52----21:22	1.0E-06 9.2E-02 2.3E-02 995	7.0E-01 4.6E-02 1.2E-03 17	3.3E-03 9.6E-03 18 72	3.5E-01 4.0E-02 81

THUNDER BAY #10, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
21:07----21:37	1.0E-06 9.6E-02 2.4E-02 996	9.3E-01 4.8E-02 6.0E-04 18	3.7E-03 1.4E-02 17 74	4.7E-01 3.8E-02 81
21:22----21:52	1.0E-06 8.8E-02 2.4E-02 996	1.1E+00 4.7E-02 1.8E-04 16	4.4E-03 1.4E-02 17 77	5.9E-01 3.6E-02 81
21:37----22:07	1.0E-06 7.5E-02 2.5E-02 996	8.3E-01 4.9E-02 4.2E-05 13	4.8E-03 1.5E-02 17 80	6.4E-01 3.6E-02 79

STATISTICS

NUMBER OF READINGS 150

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	7.47E-03	1.24E-03	1.82E-03	5.77E-05	4.02E-01
THC	2.30E-01	6.99E+00	1.15E+00	1.16E+00	8.45E-01	2.08E+00
SO2	1.94E-03	1.25E-02	5.45E-03	2.28E-03	4.99E-03	1.53E-03
THC-CH4	6.06E-02	5.15E+00	5.78E-01	7.11E-01	3.98E-01	2.20E-01
CH4	3.94E-02	6.10E-01	2.34E-01	1.25E-01	2.02E-01	1.76E+00
NOX	1.65E-02	1.88E-01	4.62E-02	2.80E-02	4.09E-02	1.59E+00
NO2	1.00E-06	1.33E-01	1.28E-02	2.02E-02	9.14E-04	6.48E-01
NO	9.81E-03	1.83E-01	3.68E-02	2.37E-02	3.20E-02	1.66E-02
OZONE	2.14E-02	5.02E-02	3.55E-02	1.03E-02	3.39E-02	1.37E+00
SOLAR RAD	1.19E-05	6.68E-02	2.65E-02	2.29E-02	8.36E-03	9.56E+00
TEMP	17	33	25	6		
HUMIDITY	25	83	48	21	44	
BAROMETER	991	997	993	2	993	1
WIND SPEED	1	21	9	6	7	

MAXIMUM
AVERAGE

H2S	5.44E-03
THC	2.68E+00
SO2	8.58E-03
THC-CH4	1.31E+00
CH4	5.19E-01
NOX	9.04E-02
NO2	3.02E-02
NO	7.97E-02
OZONE	4.66E-02
SOLAR RAD	5.73E-02
TEMP	32
HUMIDITY	81
BAROMETER	996
WIND SPEED	18
WIND DIRECTION	274

THUNDER BAY #11

DATE: AUG 5 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: BROADWAY AVE & VICTOR AVE (X2710-Y5810); 2.2KM & 290 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
22:45----23:15	1.0E-06 2.7E-02 1.9E-02 996	8.3E-01 5.2E-02 1.0E-06 2	5.3E-03 2.5E-02 15 36	5.7E-01 2.8E-02 82
22:50----23:20	1.0E-06 4.3E-02 1.8E-02 996	1.3E+00 6.3E-02 1.0E-06 2	5.7E-03 3.0E-02 15 33	9.3E-01 3.6E-02 84
22:55----23:25	1.0E-06 7.4E-02 1.7E-02 996	2.0E+00 6.8E-02 1.0E-06 1	6.0E-03 3.2E-02 15 32	1.6E+00 4.0E-02 86
23:00----23:30	1.0E-06 8.3E-02 1.5E-02 996	2.5E+00 7.2E-02 1.0E-06 1	6.2E-03 3.7E-02 15 36	1.7E+00 4.2E-02 88
23:05----23:35	1.0E-06 9.5E-02 1.3E-02 997	3.5E+00 8.4E-02 1.8E-06 0	6.8E-03 3.9E-02 14 43	2.1E+00 5.2E-02 89
23:10----23:40	1.0E-06 1.0E-01 1.1E-02 997	3.7E+00 9.3E-02 1.8E-06 0	7.0E-03 3.6E-02 14 35	2.4E+00 5.9E-02 91
23:15----23:45	1.0E-06 1.2E-01 9.0E-03 997	4.2E+00 9.3E-02 1.8E-06 0	7.4E-03 3.6E-02 14 31	2.6E+00 6.7E-02 93
23:20----23:50	1.0E-06 1.0E-01 8.6E-03 997	4.0E+00 9.0E-02 2.2E-06 0	7.5E-03 3.2E-02 14 37	2.3E+00 6.5E-02 94
23:25----23:55	1.0E-06 7.7E-02 8.6E-03 997	3.3E+00 8.2E-02 3.4E-06 1	7.5E-03 2.8E-02 14 32	1.6E+00 6.0E-02 94
23:30----00:00	1.0E-06 6.7E-02 9.1E-03 997	2.9E+00 7.9E-02 5.6E-06 1	7.6E-03 2.8E-02 14 28	1.4E+00 5.2E-02 93

THUNDER BAY #11, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:35----00:05	1.0E-06 4.9E-02 1.1E-02 997	1.8E+00 6.5E-02 6.8E-06 1	7.3E-03 2.6E-02 14 27	9.4E-01 4.0E-02 92
23:40----00:10	1.0E-06 4.1E-02 1.3E-02 997	1.3E+00 5.0E-02 8.2E-06 2	7.3E-03 2.5E-02 14 27	6.6E-01 3.1E-02 91
23:45----00:15	1.0E-06 3.1E-02 1.5E-02 997	7.5E-01 4.7E-02 9.0E-06 2	7.3E-03 2.2E-02 14 30	3.2E-01 2.3E-02 89
23:50----00:20	1.0E-06 3.1E-02 1.7E-02 997	1.1E+00 4.0E-02 8.6E-06 2	7.4E-03 2.5E-02 14 28	3.4E-01 1.8E-02 88
23:55----00:25	1.0E-06 4.1E-02 1.8E-02 997	1.5E+00 4.2E-02 7.5E-06 2	7.6E-03 2.3E-02 14 28	5.1E-01 2.1E-02 87
00:00----00:30	1.0E-06 3.9E-02 1.9E-02 997	1.4E+00 4.0E-02 5.7E-06 1	7.6E-03 2.1E-02 14 29	5.5E-01 2.0E-02 88

STATISTICS

NUMBER OF READINGS 43

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+00
THC	2.31E-01	8.67E+00	2.00E+00	2.12E+00	1.16E+00	2.95E+00
SO2	2.85E-03	9.82E-03	6.86E-03	1.46E-03	6.68E-03	1.27E+00
THC-CH4	1.45E-01	4.66E+00	1.13E+00	1.30E+00	6.68E-01	2.76E+00
CH4	1.00E-06	2.11E-01	5.63E-02	5.48E-02	2.03E-02	1.76E+01
NOX	2.42E-02	1.69E-01	6.18E-02	3.33E-02	5.52E-02	1.59E+00
NO2	1.00E-06	7.66E-02	2.75E-02	1.69E-02	1.47E-02	9.58E+00
NO	1.09E-02	1.25E-01	3.75E-02	3.12E-02	2.87E-02	2.01E+00
OZONE	5.84E-03	2.24E-02	1.48E-02	5.13E-03	1.38E-02	1.47E+00
SOLAR RAD	1.00E-06	1.66E-05	3.64E-06	4.24E-06	2.09E-06	2.72E+00
TEMP	13	16	14	1		
HUMIDITY	78	98	88	5	88	1
BAROMETER	996	997	997	0	997	1
WIND SPEED	0	4	1	1	0	9

MAXIMUM
AVERAGE

H2S	1.00E-06
THC	4.25E+00
SO2	7.60E-03
THC-CH4	2.63E+00
CH4	1.18E-01
NOX	9.33E-02
NO2	3.93E-02
NO	6.68E-02
OZONE	1.91E-02
SOLAR RAD	9.00E-06
TEMP	15
HUMIDITY	94
BAROMETER	997
WIND SPEED	2
WIND DIRECTION	43

THUNDER BAY #12

DATE: AUG 6 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: VICKER'S HTS CEMETERY (X2810-Y5800): 1.2KM & 300 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
00:42----01:12	1.0E-06 1.2E-01 6.8E-03 997	6.3E+00 1.2E-01 1.2E-05 0	9.4E-03 4.0E-02 13 16	3.5E+00 9.7E-02 99
00:57----01:27	1.0E-06 1.0E-01 9.5E-03 997	5.3E+00 1.0E-01 1.2E-05 0	9.1E-03 4.2E-02 13 325	3.1E+00 6.1E-02 103
01:12----01:42	1.0E-06 7.5E-02 9.8E-03 997	3.9E+00 7.5E-02 6.1E-06 0	8.7E-03 2.5E-02 12 319	2.3E+00 5.2E-02 109
01:27----01:57	1.0E-06 1.2E-01 8.0E-03 998	3.8E+00 7.7E-02 8.3E-06 0	8.0E-03 4.3E-02 12 206	2.4E+00 4.3E-02 125
01:42----02:12	1.0E-06 1.2E-01 6.4E-03 998	2.6E+00 6.2E-02 8.8E-06 0	6.2E-03 4.1E-02 11 189	1.5E+00 2.8E-02 146
01:57----02:27	1.0E-06 1.2E-01 4.1E-03 998	1.7E+00 4.0E-02 1.2E-05 0	5.1E-03 2.0E-02 11 191	9.7E-01 2.2E-02 162
02:12----02:42	1.0E-06 1.5E-01 2.6E-03 998	1.7E+00 4.0E-02 1.5E-05 0	4.9E-03 1.6E-02 10 197	1.3E+00 2.5E-02 175
02:27----02:57	1.0E-06 1.5E-01 1.8E-03 998	1.6E+00 3.8E-02 1.6E-05 0	4.3E-03 1.7E-02 10 202	1.2E+00 2.2E-02 182
02:42----03:12	1.0E-06 1.2E-01 1.8E-03 998	1.4E+00 3.3E-02 1.6E-05 0	3.9E-03 1.8E-02 10 202	8.2E-01 1.7E-02 185
02:57----03:27	1.0E-06 1.2E-01 1.5E-03 998	1.5E+00 3.6E-02 1.6E-05 0	3.9E-03 1.7E-02 10 196	8.2E-01 1.9E-02 187

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
03:12----03:42	1.0E-06 1.1E-01 1.7E-03 998	1.1E+00 3.2E-02 1.4E-05 0	4.0E-03 1.5E-02 9 191	5.7E-01 1.8E-02 190
03:27----03:57	1.0E-06 1.4E-01 2.7E-03 998	2.0E+00 4.1E-02 1.6E-05 0	4.5E-03 1.4E-02 9 190	1.1E+00 2.5E-02 191
03:42----04:12	1.0E-06 1.4E-01 2.9E-03 998	2.1E+00 4.1E-02 1.9E-05 0	4.8E-03 1.3E-02 9 195	1.1E+00 2.5E-02 191
03:57----04:27	1.0E-06 1.2E-01 2.4E-03 998	1.1E+00 3.0E-02 1.8E-05 0	4.8E-03 1.2E-02 9 196	6.8E-01 1.8E-02 194
04:12----04:42	1.0E-06 1.1E-01 2.8E-03 998	1.1E+00 3.1E-02 1.8E-05 0	4.8E-03 1.1E-02 9 198	6.9E-01 2.0E-02 197
04:27----04:57	1.0E-06 9.9E-02 3.2E-03 998	8.2E-01 2.7E-02 1.9E-05 0	4.7E-03 9.8E-03 8 199	4.6E-01 1.8E-02 199
04:42----05:12	1.0E-06 1.3E-01 3.4E-03 998	7.8E-01 2.7E-02 1.8E-05 0	4.7E-03 9.4E-03 8 204	4.1E-01 1.8E-02 202
04:57----05:27	1.0E-06 1.4E-01 3.4E-03 998	1.5E+00 3.8E-02 1.7E-05 0	5.0E-03 1.2E-02 8 206	8.0E-01 2.6E-02 203
05:12----05:42	1.0E-06 1.4E-01 3.2E-03 998	1.6E+00 3.9E-02 2.0E-05 0	4.8E-03 1.1E-02 8 206	8.9E-01 2.7E-02 205
05:27----05:57	1.0E-06 1.2E-01 3.3E-03 999	8.3E-01 2.6E-02 2.2E-05 0	4.7E-03 6.5E-03 8 204	5.2E-01 1.9E-02 207
05:42----06:12	1.0E-06 1.1E-01 3.3E-03 999	6.9E-01 2.4E-02 2.1E-05 0	5.0E-03 7.1E-03 8 196	3.9E-01 1.7E-02 208

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
05:57----06:27	1.0E-06 1.2E-01 3.3E-03 999	7.1E-01 2.4E-02 5.1E-05 0	5.1E-03 6.9E-03 8 194	4.2E-01 1.7E-02 210
06:12----06:42	1.0E-06 1.2E-01 4.2E-03 999	7.1E-01 2.3E-02 2.1E-04 0	5.1E-03 6.8E-03 8 194	4.2E-01 1.6E-02 209
06:27----06:57	1.0E-06 1.3E-01 4.4E-03 999	6.3E-01 2.3E-02 5.8E-04 0	5.2E-03 6.1E-03 8 196	3.7E-01 1.6E-02 209
06:42----07:12	1.0E-06 1.4E-01 3.8E-03 999	7.0E-01 2.5E-02 1.1E-03 0	5.4E-03 6.5E-03 7 201	4.1E-01 1.8E-02 209
06:57----07:27	1.0E-06 1.4E-01 3.7E-03 999	6.8E-01 2.5E-02 2.3E-03 0	5.6E-03 5.0E-03 8 197	4.3E-01 1.9E-02 208
07:12----07:42	1.0E-06 1.4E-01 4.0E-03 999	6.8E-01 2.5E-02 3.9E-03 0	5.5E-03 4.4E-03 8 217	4.3E-01 2.0E-02 201
07:27----07:57	1.0E-06 1.3E-01 4.5E-03 999	7.1E-01 2.7E-02 4.1E-03 0	5.4E-03 6.1E-03 9 206	4.0E-01 2.1E-02 187
07:42----08:12	1.0E-06 1.2E-01 5.3E-03 1000	8.4E-01 2.7E-02 3.8E-03 0	5.7E-03 5.5E-03 10 200	5.3E-01 2.2E-02 175
07:57----08:27	1.0E-06 1.1E-01 6.5E-03 1000	1.2E+00 3.2E-02 4.2E-03 1	6.1E-03 8.1E-03 10 208	6.8E-01 2.3E-02 164
08:12----08:42	1.0E-06 1.1E-01 7.2E-03 1000	1.2E+00 3.2E-02 4.6E-03 1	6.0E-03 7.1E-03 11 213	5.7E-01 2.4E-02 158

STATISTICS

NUMBER OF READINGS 194

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+0
THC	4.52E-01	1.01E+01	1.70E+00	1.90E+00	1.18E+00	2.16E+00
SO2	2.38E-03	1.22E-02	5.57E-03	1.68E-03	5.35E-03	1.32E+00
THC-CH4	2.37E-01	7.37E+00	9.87E-01	1.18E+00	6.73E-01	2.17E+00
CH4	1.00E-06	4.35E-01	1.23E-01	5.07E-02	1.06E-01	2.63E+00
NOX	2.11E-02	2.24E-01	4.08E-02	3.27E-02	3.45E-02	1.65E+00
NO2	1.00E-06	1.70E-01	1.46E-02	1.97E-02	5.02E-03	1.48E+01
NO	1.22E-02	3.69E-01	2.77E-02	3.19E-02	2.24E-02	1.71E+00
OZONE	9.09E-04	1.32E-02	4.35E-03	2.35E-03	3.80E-03	1.70E+00
SOLAR RAD	1.00E-06	5.29E-03	9.04E-04	1.67E-03	5.79E-05	1.26E+01
TEMP	7	13	9	2		
HUMIDITY	98	213	178	34	174	1
BAROMETER	997	1000	998	1	998	1
WIND SPEED	0	2	0	0	0	10

MAXIMUM
AVERAGE

H2S	1.00E-06
THC	6.28E+00
SO2	9.43E-03
THC-CH4	3.55E+00
CH4	1.55E-01
NOX	1.17E-01
NO2	4.28E-02
NO	9.75E-02
OZONE	9.79E-03
SOLAR RAD	4.60E-03
TEMP	13
HUMIDITY	210
BAROMETER	1000
WIND SPEED	1
WIND DIRECTION	325

THUNDER BAY #14

DATE: AUG 6 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: PLANT RD. (X2860-Y5760); 0.6KM & 290 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
21:03----21:33	1.6E-04 1.1E+00 1.8E-02 997	6.1E-01 3.5E-02 1.0E-03 1	4.9E-03 1.9E-02 16 78	1.2E-01 2.0E-02 92
21:18----21:48	2.3E-04 1.2E+00 1.7E-02 997	1.2E+00 3.1E-02 2.4E-04 1	4.8E-03 1.4E-02 15 75	4.1E-01 1.8E-02 102
21:33----22:03	2.7E-04 1.4E+00 1.5E-02 998	1.8E+00 4.0E-02 3.0E-05 0	5.4E-03 1.5E-02 15 68	6.4E-01 2.2E-02 115
21:48----22:18	1.8E-04 1.4E+00 1.3E-02 998	1.8E+00 4.6E-02 1.2E-06 0	5.2E-03 1.7E-02 14 69	6.8E-01 2.6E-02 130
22:03----22:33	7.6E-05 1.4E+00 1.1E-02 997	2.1E+00 4.6E-02 4.2E-06 0	5.2E-03 1.9E-02 14 66	9.2E-01 2.8E-02 138
22:18----22:48	3.8E-05 1.2E+00 1.0E-02 997	2.0E+00 4.7E-02 8.9E-06 0	5.0E-03 1.8E-02 14 45	8.7E-01 3.4E-02 132
22:33----23:03	4.7E-06 8.7E-01 8.2E-03 997	2.0E+00 6.7E-02 1.3E-05 0	5.6E-03 1.9E-02 14 41	9.3E-01 5.4E-02 124
22:48----23:18	4.7E-06 9.3E-01 3.1E-03 997	2.8E+00 1.1E-01 9.8E-06 0	7.3E-03 3.8E-02 14 275	1.6E+00 7.6E-02 125
23:03----23:33	1.0E-06 9.3E-01 4.1E-04 997	2.4E+00 1.4E-01 2.6E-06 0	7.8E-03 4.4E-02 13 276	1.5E+00 9.3E-02 132
23:18----23:48	1.0E-06 8.7E-01 2.2E-04 997	2.0E+00 1.2E-01 3.1E-06 0	6.9E-03 3.7E-02 13 267	1.0E+00 8.4E-02 137

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:33----00:03	1.0E-06 8.3E-01 2.0E-04 997	1.6E+00 9.8E-02 3.9E-06 0	6.9E-03 3.4E-02 12 248	7.8E-01 6.1E-02 144
23:48----00:18	2.9E-05 8.3E-01 2.0E-04 997	1.6E+00 1.0E-01 7.0E-06 1	7.0E-03 3.1E-02 12 234	9.1E-01 7.2E-02 166
00:03----00:33	2.9E-05 7.9E-01 3.2E-04 996	1.6E+00 1.1E-01 1.2E-05 1	6.6E-03 2.5E-02 11 215	9.1E-01 7.9E-02 189
00:18----00:48	1.0E-06 7.1E-01 8.1E-04 996	9.8E-01 7.9E-02 1.2E-05 1	6.2E-03 2.2E-02 11 225	3.9E-01 5.3E-02 193
00:33----01:03	1.0E-06 7.2E-01 7.4E-04 996	1.1E+00 9.4E-02 1.2E-05 1	6.1E-03 3.8E-02 11 266	5.7E-01 5.8E-02 189
00:48----01:18	1.0E-06 7.3E-01 3.8E-04 996	1.3E+00 1.1E-01 1.0E-05 0	6.5E-03 4.5E-02 11 311	6.9E-01 7.1E-02 187
01:03----01:33	1.0E-06 6.9E-01 4.5E-04 996	9.3E-01 7.6E-02 8.1E-06 0	6.5E-03 2.6E-02 11 231	4.2E-01 4.9E-02 185
01:18----01:48	1.0E-06 6.7E-01 3.5E-04 996	9.5E-01 6.9E-02 1.5E-05 1	6.7E-03 1.9E-02 10 214	4.2E-01 4.9E-02 195
01:33----02:03	1.0E-06 6.6E-01 5.1E-04 996	1.2E+00 7.7E-02 2.1E-05 2	6.6E-03 1.9E-02 10 210	6.1E-01 5.4E-02 205
01:48----02:18	1.0E-06 6.1E-01 1.5E-03 996	9.4E-01 7.1E-02 1.8E-05 2	7.0E-03 2.2E-02 10 211	4.5E-01 4.5E-02 202
02:03----02:33	1.0E-06 5.6E-01 3.0E-03 996	5.7E-01 6.1E-02 1.7E-05 2	7.4E-03 2.5E-02 10 206	2.3E-01 3.6E-02 195

THUNDER BAY #14, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
02:18----02:48	1.0E-06 5.8E-01 2.4E-03 996	1.1E+00 9.9E-02 1.7E-05 2	7.5E-03 2.6E-02 10 205	5.7E-01 7.0E-02 195
02:33----03:03	1.0E-06 6.2E-01 9.3E-04 996	1.2E+00 1.0E-01 1.8E-05 0	7.9E-03 2.7E-02 10 274	5.8E-01 7.5E-02 192
02:48----03:18	1.0E-06 6.5E-01 5.1E-04 996	1.0E+00 7.4E-02 1.2E-05 1	8.0E-03 2.7E-02 10 297	5.3E-01 4.8E-02 185
03:03----03:33	1.0E-06 6.3E-01 1.6E-04 996	1.3E+00 7.7E-02 1.0E-05 0	8.2E-03 2.7E-02 9 249	6.9E-01 4.8E-02 184
03:18----03:48	1.0E-06 6.1E-01 1.9E-04 995	1.2E+00 7.1E-02 2.2E-05 0	8.7E-03 2.4E-02 9 223	5.4E-01 4.6E-02 194
03:33----04:03	1.0E-06 6.2E-01 1.9E-04 995	1.9E+00 8.2E-02 2.5E-05 0	8.4E-03 3.0E-02 10 221	6.8E-01 5.6E-02 203
03:48----04:18	1.0E-06 6.1E-01 1.7E-04 995	1.5E+00 6.1E-02 1.8E-05 0	7.8E-03 2.4E-02 10 240	5.5E-01 4.0E-02 200
04:03----04:33	1.0E-06 6.2E-01 1.6E-04 995	1.2E+00 4.2E-02 1.6E-05 0	7.4E-03 1.5E-02 9 248	6.8E-01 2.8E-02 199
04:18----04:48	1.0E-06 6.0E-01 1.3E-04 995	1.5E+00 5.0E-02 2.1E-05 0	7.6E-03 2.1E-02 9 212	7.9E-01 3.3E-02 202
04:33----05:03	1.0E-06 5.6E-01 1.6E-04 995	9.9E-01 6.9E-02 2.3E-05 1	7.6E-03 2.5E-02 9 205	4.0E-01 4.4E-02 207
04:48----05:18	1.0E-06 5.5E-01 2.4E-04 995	7.1E-01 6.7E-02 2.0E-05 1	7.5E-03 2.2E-02 9 209	2.9E-01 4.3E-02 210

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
05:03----05:33	1.0E-06 5.8E-01 3.8E-04 995	1.5E+00 5.6E-02 1.7E-05 0	7.3E-03 2.1E-02 9 231	7.2E-01 3.5E-02 207
05:18----05:48	1.0E-06 5.7E-01 4.3E-04 995	1.5E+00 6.0E-02 2.1E-05 0	6.8E-03 1.5E-02 9 224	7.2E-01 4.4E-02 204
05:33----06:03	1.0E-06 5.3E-01 4.1E-04 995	6.5E-01 4.8E-02 2.3E-05 0	6.6E-03 1.0E-02 9 276	2.6E-01 3.6E-02 201
05:48----06:18	1.0E-06 5.6E-01 3.0E-04 995	1.3E+00 4.4E-02 2.3E-05 1	6.4E-03 1.4E-02 9 264	6.1E-01 3.0E-02 201
06:03----06:33	1.0E-06 5.8E-01 1.6E-04 995	1.6E+00 6.1E-02 5.3E-05 1	6.5E-03 1.3E-02 9 225	8.6E-01 5.4E-02 206
06:18----06:48	1.0E-06 5.4E-01 2.0E-04 995	1.5E+00 7.4E-02 2.1E-04 2	6.4E-03 1.3E-02 9 212	7.3E-01 6.4E-02 211
06:33----07:03	1.0E-06 4.9E-01 4.3E-04 995	1.4E+00 6.7E-02 9.1E-04 3	6.5E-03 1.4E-02 9 210	6.3E-01 5.2E-02 212
06:48----07:18	1.0E-06 5.1E-01 5.7E-04 995	1.2E+00 9.1E-02 2.4E-03 3	7.1E-03 1.1E-02 9 207	5.7E-01 7.9E-02 208
07:03----07:33	2.4E-05 5.3E-01 4.9E-04 995	1.7E+00 1.7E-01 3.8E-03 1	7.7E-03 3.3E-02 9 206	7.8E-01 1.3E-01 198
07:18----07:48	2.4E-05 5.2E-01 6.3E-04 995	1.4E+00 1.4E-01 5.1E-03 0	7.4E-03 3.4E-02 10 277	6.7E-01 1.1E-01 189
07:33----08:03	1.2E-05 5.2E-01 8.7E-04 995	9.5E-01 8.2E-02 6.9E-03 1	6.6E-03 2.1E-02 10 230	4.7E-01 5.9E-02 184

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
07:48----08:18	2.4E-05 5.1E-01 1.2E-03 995	9.6E-01 7.9E-02 8.4E-03 2	6.6E-03 2.0E-02 10 221	4.6E-01 6.5E-02 184
08:03----08:33	7.7E-05 4.8E-01 1.9E-03 995	1.0E+00 6.3E-02 9.2E-03 1	7.1E-03 9.8E-03 10 227	5.7E-01 5.7E-02 183
08:18----08:48	1.9E-04 4.9E-01 3.1E-03 995	1.3E+00 5.2E-02 1.3E-02 1	7.7E-03 1.4E-02 11 231	7.2E-01 3.8E-02 176
08:33----09:03	3.3E-04 5.1E-01 5.8E-03 994	1.2E+00 5.7E-02 1.6E-02 0	8.0E-03 2.7E-02 12 253	5.3E-01 3.3E-02 164

STATISTICS

NUMBER OF READINGS 289

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	6.53E-04	4.37E-05	1.13E-04	2.67E-06	7.65E+00
THC	2.63E-01	9.10E+00	1.35E+00	1.05E+00	1.10E+00	1.83E+00
SO2	1.60E-03	1.08E-02	6.88E-03	1.47E-03	6.70E-03	1.27E+00
THC-CH4	1.00E-06	3.79E+00	6.43E-01	6.16E-01	3.52E-01	8.70E+00
CH4	4.22E-01	1.63E+00	7.16E-01	2.65E-01	6.79E-01	1.37E+00
NOX	2.15E-02	3.66E-01	7.55E-02	4.71E-02	6.53E-02	1.69E+00
NO2	1.00E-06	1.41E-01	2.32E-02	2.03E-02	7.65E-03	2.04E+01
NO	1.01E-02	3.24E-01	5.27E-02	3.96E-02	4.33E-02	1.84E+00
OZONE	6.11E-05	2.05E-02	2.94E-03	5.14E-03	7.47E-04	5.01E+00
SOLAR RAD	1.00E-06	3.26E-02	1.70E-03	4.40E-03	4.58E-05	1.65E+01
TEMP	9	17	11	2		
HUMIDITY	82	215	177	34	173	1
BAROMETER	994	998	996	1	996	1
WIND SPEED	0	4	1	1	0	13

MAXIMUM
AVERAGE

H2S	3.32E-04
THC	2.79E+00
SO2	8.69E-03
THC-CH4	1.63E+00
CH4	1.43E+00
NOX	1.66E-01
NO2	4.52E-02
NO	1.32E-01
OZONE	1.82E-02
SOLAR RAD	1.60E-02
TEMP	16
HUMIDITY	212
BAROMETER	998
WIND SPEED	3
WIND DIRECTION	311

THUNDER BAY #15

DATE: AUG 7 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: DOW GATE (X2900-Y5910); 0.2KM & 000 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
15:35----16:05	4.3E-02 7.5E-01 7.1E-02 989	4.4E+00 7.4E-02 5.3E-02 19	8.5E-03 5.9E-02 28 207	2.6E+00 2.7E-02 66
15:40----16:10	4.2E-02 7.6E-01 7.2E-02 989	4.3E+00 7.8E-02 5.4E-02 19	8.3E-03 6.2E-02 28 205	2.6E+00 2.8E-02 66
15:45----16:15	4.2E-02 7.7E-01 7.4E-02 988	4.4E+00 7.6E-02 5.2E-02 17	8.4E-03 5.9E-02 29 208	2.6E+00 2.9E-02 67
15:50----16:20	4.2E-02 8.0E-01 7.5E-02 988	4.5E+00 7.6E-02 5.1E-02 17	8.8E-03 5.9E-02 29 215	2.7E+00 2.9E-02 67
15:55----16:25	4.0E-02 8.4E-01 7.5E-02 988	4.5E+00 7.6E-02 5.0E-02 16	9.4E-03 6.2E-02 29 221	2.7E+00 2.6E-02 66
16:00----16:30	4.0E-02 8.8E-01 7.6E-02 988	4.5E+00 7.1E-02 5.0E-02 16	1.0E-02 6.2E-02 29 225	2.7E+00 2.2E-02 66
16:05----16:35	3.8E-02 9.2E-01 7.8E-02 988	4.5E+00 6.0E-02 4.9E-02 18	1.1E-02 5.7E-02 29 230	2.6E+00 1.5E-02 65
16:10----16:40	3.5E-02 9.5E-01 7.7E-02 988	4.5E+00 5.6E-02 4.8E-02 19	1.1E-02 5.3E-02 29 236	2.6E+00 1.5E-02 64
16:15----16:45	3.1E-02 9.9E-01 7.5E-02 988	4.3E+00 5.6E-02 4.7E-02 22	1.1E-02 5.3E-02 28 236	2.5E+00 1.5E-02 64
16:20----16:50	2.7E-02 1.0E+00 7.3E-02 988	4.2E+00 5.4E-02 4.6E-02 24	1.1E-02 4.9E-02 28 236	2.4E+00 1.5E-02 63

THUNDER BAY #15, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
16:25----16:55	2.5E-02 1.0E+00 7.4E-02 988	4.1E+00 5.3E-02 4.4E-02 24	1.1E-02 4.9E-02 28 238	2.3E+00 1.5E-02 64
16:30----17:00	2.1E-02 1.0E+00 7.2E-02 988	4.0E+00 5.5E-02 4.3E-02 25	1.1E-02 5.2E-02 28 239	2.3E+00 1.6E-02 63
16:35----17:05	1.9E-02 9.9E-01 7.0E-02 988	4.0E+00 5.9E-02 4.3E-02 25	1.1E-02 5.5E-02 28 239	2.2E+00 1.7E-02 64
16:40----17:10	1.9E-02 9.8E-01 7.0E-02 988	4.0E+00 6.1E-02 4.2E-02 24	1.2E-02 5.7E-02 28 238	2.2E+00 1.7E-02 64
16:45----17:15	2.1E-02 9.8E-01 7.1E-02 988	4.1E+00 6.3E-02 4.2E-02 22	1.3E-02 6.0E-02 28 233	2.3E+00 1.7E-02 64
16:50----17:20	2.3E-02 9.9E-01 7.1E-02 988	4.2E+00 6.4E-02 4.2E-02 20	1.5E-02 6.1E-02 28 231	2.4E+00 1.7E-02 64
16:55----17:25	2.5E-02 9.9E-01 7.2E-02 988	4.2E+00 6.5E-02 4.1E-02 20	1.6E-02 6.0E-02 28 224	2.4E+00 1.9E-02 63
17:00----17:30	2.6E-02 9.9E-01 7.3E-02 988	4.2E+00 6.4E-02 4.1E-02 20	1.6E-02 5.4E-02 28 216	2.4E+00 2.2E-02 63
17:05----17:35	2.9E-02 1.0E+00 7.4E-02 988	4.3E+00 6.5E-02 4.0E-02 20	1.7E-02 5.4E-02 28 205	2.4E+00 2.3E-02 63
17:10----17:40	3.1E-02 1.0E+00 7.7E-02 987	4.2E+00 6.1E-02 4.0E-02 21	1.7E-02 5.0E-02 28 202	2.4E+00 2.3E-02 63

STATISTICS

NUMBER OF READINGS 125

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.10E-02	5.77E-02	3.24E-02	1.07E-02	3.04E-02	1.45E-02
THC	2.90E+00	5.49E+00	4.25E+00	5.23E-01	4.22E+00	1.13E+00
SO2	3.73E-03	1.98E-02	1.20E-02	4.24E-03	1.12E-02	1.47E-02
THC-CH4	1.47E+00	4.40E+00	2.46E+00	3.75E-01	2.43E+00	1.16E+00
CH4	6.92E-01	1.08E+00	9.18E-01	1.15E-01	9.10E-01	1.14E-01
NOX	2.66E-02	1.40E-01	6.36E-02	2.43E-02	5.97E-02	1.42E+00
NO2	1.00E-06	1.49E-01	5.55E-02	2.96E-02	3.32E-02	9.00E-02
NO	7.25E-03	9.35E-02	2.02E-02	1.46E-02	1.73E-02	1.65E-02
OZONE	5.97E-02	8.90E-02	7.38E-02	6.85E-03	7.35E-02	1.10E+00
SOLAR RAD	7.31E-03	6.16E-02	4.61E-02	7.07E-03	4.54E-02	1.23E+00
TEMP	23	29	28	1		
HUMIDITY	61	69	64	2	64	
BAROMETER	987	989	988	0	988	1
WIND SPEED	6	37	22	7	21	1

MAXIMUM
AVERAGE

H2S	4.31E-02
THC	4.53E+00
SO2	1.73E-02
THC-CH4	2.66E+00
CH4	1.01E+00
NOX	7.79E-02
NO2	6.20E-02
NO	2.88E-02
OZONE	7.76E-02
SOLAR RAD	5.37E-02
TEMP	29
HUMIDITY	67
BAROMETER	989
WIND SPEED	25
WIND DIRECTION	239

THUNDER BAY #16

DATE: AUG 7 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: PLANT SIGN (X2910-Y5810): 0.7KM & 355 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
18:01----18:31	5.8E-02 1.1E+00 8.2E-02 987	5.6E+00 5.2E-02 3.3E-02 16	2.1E-02 5.0E-02 28 187	3.1E+00 1.4E-02 58
18:06----18:36	6.0E-02 1.1E+00 8.2E-02 987	5.5E+00 5.6E-02 3.3E-02 15	2.1E-02 5.3E-02 28 187	3.2E+00 1.5E-02 57
18:11----18:41	6.2E-02 1.1E+00 8.1E-02 987	5.6E+00 5.9E-02 3.3E-02 15	2.1E-02 5.6E-02 28 187	3.2E+00 1.6E-02 57
18:16----18:46	6.3E-02 1.2E+00 8.1E-02 987	5.7E+00 6.1E-02 3.3E-02 15	2.2E-02 5.6E-02 28 187	3.2E+00 1.8E-02 57
18:21----18:51	6.3E-02 1.2E+00 8.2E-02 987	5.5E+00 5.8E-02 3.3E-02 15	2.1E-02 5.0E-02 28 186	3.2E+00 1.9E-02 57
18:26----18:56	6.5E-02 1.2E+00 8.2E-02 987	5.5E+00 6.1E-02 3.3E-02 16	2.2E-02 5.0E-02 28 184	3.2E+00 2.0E-02 57
18:31----19:01	6.7E-02 1.3E+00 8.1E-02 987	5.6E+00 6.2E-02 3.3E-02 16	2.2E-02 5.1E-02 28 185	3.3E+00 2.1E-02 57
18:36----19:06	6.8E-02 1.3E+00 8.1E-02 987	5.4E+00 6.7E-02 3.2E-02 17	2.3E-02 5.5E-02 28 185	3.2E+00 2.3E-02 57
18:41----19:11	6.8E-02 1.3E+00 7.9E-02 986	5.4E+00 7.2E-02 3.0E-02 16	2.4E-02 5.9E-02 28 186	3.2E+00 2.5E-02 57
18:46----19:16	7.0E-02 1.4E+00 7.9E-02 986	5.4E+00 7.5E-02 2.7E-02 16	2.5E-02 6.0E-02 28 186	3.2E+00 2.7E-02 57

THUNDER BAY #16, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
18:51----19:21	7.1E-02 1.4E+00 7.8E-02 986	5.6E+00 8.0E-02 2.5E-02 14	2.7E-02 6.5E-02 28 187	3.3E+00 2.8E-02 57
18:56----19:26	7.1E-02 1.4E+00 7.4E-02 986	5.6E+00 8.4E-02 2.3E-02 13	2.8E-02 6.8E-02 28 192	3.2E+00 3.1E-02 57
19:01----19:31	6.7E-02 1.5E+00 7.1E-02 986	5.5E+00 9.2E-02 2.1E-02 12	2.9E-02 7.1E-02 28 196	3.1E+00 3.5E-02 57
19:06----19:36	6.6E-02 1.5E+00 7.0E-02 986	5.6E+00 9.7E-02 2.0E-02 11	3.0E-02 7.2E-02 28 202	3.1E+00 3.8E-02 57
19:11----19:41	6.4E-02 1.5E+00 6.9E-02 986	5.7E+00 9.8E-02 2.1E-02 11	3.0E-02 7.1E-02 28 209	3.1E+00 4.0E-02 57
19:16----19:46	6.2E-02 1.6E+00 6.7E-02 986	5.7E+00 1.1E-01 2.2E-02 10	3.1E-02 7.9E-02 28 211	3.1E+00 4.1E-02 57
19:21----19:51	6.1E-02 1.6E+00 6.5E-02 986	5.6E+00 1.1E-01 2.0E-02 10	3.2E-02 7.9E-02 28 211	3.1E+00 4.4E-02 57
19:26----19:56	6.1E-02 1.6E+00 6.6E-02 986	5.7E+00 1.1E-01 1.9E-02 9	3.3E-02 8.2E-02 28 208	3.1E+00 4.4E-02 57
19:31----20:01	6.5E-02 1.6E+00 7.1E-02 986	5.7E+00 1.1E-01 1.8E-02 10	3.4E-02 7.8E-02 28 199	3.2E+00 4.3E-02 58
19:36----20:06	6.6E-02 1.6E+00 7.2E-02 986	5.6E+00 1.0E-01 1.8E-02 10	3.4E-02 6.9E-02 28 193	3.1E+00 4.3E-02 59
19:41----20:11	6.4E-02 1.6E+00 7.2E-02 986	5.4E+00 9.8E-02 1.6E-02 11	3.5E-02 6.3E-02 27 184	3.0E+00 4.4E-02 60

THUNDER BAY #16, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
19:46----20:16	6.4E-02 1.7E+00 7.2E-02 986	5.4E+00 9.3E-02 1.5E-02 12	3.5E-02 5.4E-02 27 184	3.0E+00 4.6E-02 62
19:51----20:21	6.4E-02 1.7E+00 7.3E-02 986	5.3E+00 9.4E-02 1.5E-02 12	3.6E-02 5.1E-02 27 182	2.9E+00 4.7E-02 63
19:56----20:26	6.1E-02 1.7E+00 7.3E-02 986	5.3E+00 9.1E-02 1.4E-02 12	3.6E-02 4.6E-02 27 181	2.9E+00 4.8E-02 64
20:01----20:31	5.9E-02 1.8E+00 7.1E-02 986	5.6E+00 9.2E-02 1.2E-02 11	3.7E-02 4.5E-02 27 181	3.1E+00 4.9E-02 64
20:06----20:36	5.8E-02 1.8E+00 6.9E-02 986	5.8E+00 1.0E-01 1.1E-02 10	3.8E-02 5.4E-02 27 180	3.2E+00 5.1E-02 65

STATISTICS

NUMBER OF READINGS 157

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	4.00E-02	8.52E-02	6.29E-02	9.46E-03	6.22E-02	1.17E-02
THC	3.35E+00	1.01E+01	5.62E+00	1.02E+00	5.53E+00	1.19E+00
SO2	1.89E-02	4.37E-02	2.91E-02	6.94E-03	2.83E-02	1.28E-02
THC-CH4	1.63E+00	5.35E+00	3.16E+00	5.94E-01	3.11E+00	1.21E+00
CH4	1.07E+00	1.91E+00	1.46E+00	2.48E-01	1.44E+00	1.19E+00
NOX	2.82E-02	1.61E-01	8.29E-02	3.02E-02	7.72E-02	1.48E+00
NO2	1.09E-02	1.87E-01	5.96E-02	2.88E-02	5.31E-02	1.64E-02
NO	9.49E-03	6.55E-02	3.36E-02	1.52E-02	2.97E-02	1.69E-02
OZONE	3.86E-02	9.92E-02	7.47E-02	1.11E-02	7.38E-02	1.17E+00
SOLAR RAD	5.36E-03	3.53E-02	2.28E-02	9.60E-03	2.03E-02	1.69E+00
TEMP	27	29	28	1		
HUMIDITY	54	67	59	3	59	
BAROMETER	986	987	986	0	986	1
WIND SPEED	2	37	13	6	12	2

MAXIMUM
AVERAGE

H2S	7.11E-02
THC	5.82E+00
SO2	3.80E-02
THC-CH4	3.28E+00
CH4	1.78E+00
NOX	1.13E-01
NO2	8.22E-02
NO	5.13E-02
OZONE	8.21E-02
SOLAR RAD	3.33E-02
TEMP	28
HUMIDITY	65
BAROMETER	987
WIND SPEED	17
WIND DIRECTION	211

THUNDER BAY #17

DATE: AUG 10 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: ROAD AT AIR MET. OFFICE (X2875-Y5980); 2.5KM & 345 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
14:42----15:12	3.9E-03 4.0E-01 3.8E-02 993	7.0E-01 4.6E-02 7.2E-02 14	7.9E-03 1.6E-02 26 155	3.2E-01 2.9E-02 51
14:47----15:17	5.9E-03 4.1E-01 3.8E-02 993	7.4E-01 5.0E-02 6.7E-02 14	8.0E-03 1.8E-02 26 159	3.4E-01 3.2E-02 52
14:52----15:22	8.6E-03 4.2E-01 3.9E-02 993	7.8E-01 5.3E-02 5.7E-02 13	8.3E-03 1.9E-02 26 162	3.6E-01 3.3E-02 52
14:57----15:27	1.1E-02 4.3E-01 3.9E-02 993	7.8E-01 5.4E-02 4.7E-02 14	8.4E-03 2.0E-02 26 161	3.7E-01 3.4E-02 52
15:02----15:32	1.3E-02 4.3E-01 3.8E-02 993	7.8E-01 5.3E-02 3.8E-02 14	8.6E-03 1.9E-02 26 160	3.6E-01 3.3E-02 53
15:07----15:37	1.4E-02 4.3E-01 3.9E-02 993	7.5E-01 4.9E-02 3.5E-02 15	8.6E-03 1.8E-02 26 164	3.5E-01 3.0E-02 53
15:12----15:42	1.4E-02 4.3E-01 4.0E-02 993	7.3E-01 4.4E-02 3.4E-02 15	8.6E-03 1.7E-02 25 165	3.4E-01 2.6E-02 53
15:17----15:47	1.3E-02 4.2E-01 4.1E-02 993	6.9E-01 3.6E-02 3.7E-02 15	8.2E-03 1.4E-02 25 165	3.1E-01 2.1E-02 53
15:22----15:52	1.1E-02 4.1E-01 4.1E-02 993	6.6E-01 3.0E-02 4.5E-02 16	7.6E-03 1.3E-02 25 165	3.0E-01 1.6E-02 54
15:27----15:57	9.3E-03 4.1E-01 4.2E-02 993	6.5E-01 2.5E-02 5.4E-02 16	7.1E-03 1.2E-02 25 167	2.9E-01 1.3E-02 54

THUNDER BAY #17, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
15:32----16:02	7.1E-03 4.0E-01 4.3E-02 993	6.3E-01 2.1E-02 6.1E-02 15	6.7E-03 1.1E-02 25 168	2.8E-01 1.0E-02 55
15:37----16:07	5.6E-03 4.0E-01 4.4E-02 993	6.1E-01 1.8E-02 6.2E-02 15	6.3E-03 9.3E-03 25 167	2.7E-01 9.2E-03 55
15:42----16:12	4.8E-03 4.0E-01 4.4E-02 993	6.2E-01 1.9E-02 6.2E-02 14	6.1E-03 9.9E-03 25 164	2.7E-01 9.2E-03 55
15:47----16:17	4.2E-03 4.0E-01 4.3E-02 993	6.3E-01 2.1E-02 6.1E-02 14	6.1E-03 1.2E-02 25 161	2.8E-01 9.7E-03 55
15:52----16:22	3.7E-03 4.0E-01 4.3E-02 992	6.3E-01 2.2E-02 6.0E-02 14	6.1E-03 1.2E-02 25 159	2.8E-01 9.8E-03 55
15:57----16:27	3.2E-03 4.0E-01 4.3E-02 992	6.3E-01 2.1E-02 6.0E-02 14	6.1E-03 1.2E-02 25 160	2.8E-01 9.6E-03 55
16:02----16:32	2.9E-03 4.0E-01 4.3E-02 992	6.4E-01 2.1E-02 6.0E-02 14	6.1E-03 1.2E-02 25 160	2.8E-01 9.7E-03 55
16:07----16:37	2.6E-03 3.9E-01 4.1E-02 992	6.5E-01 2.2E-02 6.0E-02 15	6.3E-03 1.3E-02 25 159	2.9E-01 9.7E-03 55
16:12----16:42	2.5E-03 3.8E-01 4.0E-02 992	6.5E-01 2.5E-02 6.0E-02 15	6.4E-03 1.5E-02 25 161	3.0E-01 1.1E-02 55

STATISTICS

NUMBER OF READINGS 49

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	2.05E-03	2.20E-02	6.27E-03	5.28E-03	4.74E-03	2.06E+00
THC	5.71E-01	8.92E-01	6.72E-01	8.20E-02	6.68E-01	1.12E+00
SO2	5.56E-03	9.55E-03	7.25E-03	1.15E-03	7.16E-03	1.17E+00
THC-CH4	2.42E-01	4.26E-01	3.05E-01	4.70E-02	3.02E-01	1.16E+00
CH4	3.49E-01	4.47E-01	4.02E-01	2.44E-02	4.01E-01	1.06E+00
NOX	1.11E-02	6.66E-02	3.30E-02	1.65E-02	2.90E-02	1.69E+00
NO2	2.59E-03	3.13E-02	1.43E-02	7.15E-03	1.26E-02	1.69E+00
NO	5.71E-03	3.97E-02	1.86E-02	1.12E-02	1.54E-02	1.87E+00
OZONE	3.29E-02	4.65E-02	4.04E-02	3.56E-03	4.03E-02	1.09E+00
SOLAR RAD	7.92E-03	7.48E-02	5.69E-02	1.80E-02	5.11E-02	1.78E+00
TEMP	24	27	25	1		
HUMIDITY	50	57	54	2	54	1
BAROMETER	992	993	993	0	993	1
WIND SPEED	10	21	15	2	15	1

MAXIMUM
AVERAGE

H2S	1.42E-02
THC	7.84E-01
SO2	8.59E-03
THC-CH4	3.66E-01
CH4	4.33E-01
NOX	5.44E-02
NO2	1.99E-02
NO	3.36E-02
OZONE	4.39E-02
SOLAR RAD	7.23E-02
TEMP	26
HUMIDITY	55
BAROMETER	993
WIND SPEED	16
WIND DIRECTION	168

THUNDER BAY #18

DATE: AUG 10 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: PLANT SIGN (X2910-Y5810); 0.7KM & 355 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
17:34----18:04	1.3E-02 8.5E-01 4.3E-02 991	1.1E+00 3.9E-02 5.5E-02 20	9.2E-03 7.6E-03 25 184	4.5E-01 3.0E-02 50
17:44----18:14	1.5E-02 8.0E-01 4.4E-02 991	1.1E+00 3.5E-02 5.2E-02 21	9.0E-03 5.8E-03 25 185	4.7E-01 2.7E-02 49
17:54----18:24	1.5E-02 7.3E-01 4.4E-02 991	1.1E+00 3.0E-02 5.0E-02 22	8.7E-03 6.6E-03 25 185	4.9E-01 2.2E-02 48
18:04----18:34	1.3E-02 6.7E-01 4.2E-02 991	1.1E+00 2.5E-02 4.8E-02 23	8.7E-03 7.9E-03 25 183	4.8E-01 1.6E-02 48
18:14----18:44	1.3E-02 6.1E-01 4.1E-02 991	1.2E+00 3.6E-02 4.6E-02 23	2.3E-02 2.3E-02 25 184	5.6E-01 1.5E-02 49
18:24----18:54	1.6E-02 5.6E-01 4.1E-02 991	1.3E+00 3.4E-02 4.3E-02 21	4.4E-02 2.3E-02 25 184	6.2E-01 1.8E-02 50
18:34----19:04	2.5E-02 5.3E-01 4.3E-02 991	1.6E+00 3.2E-02 4.0E-02 18	4.9E-02 2.3E-02 25 182	8.6E-01 1.7E-02 50
18:44----19:14	3.3E-02 5.0E-01 4.4E-02 990	1.7E+00 1.9E-02 3.7E-02 15	3.7E-02 8.9E-03 25 184	9.7E-01 1.5E-02 50
18:54----19:24	4.3E-02 4.9E-01 4.5E-02 990	2.1E+00 1.9E-02 3.5E-02 11	1.8E-02 1.0E-02 25 188	1.2E+00 9.3E-03 49
19:04----19:34	5.0E-02 4.7E-01 4.5E-02 990	2.3E+00 2.0E-02 3.2E-02 10	1.4E-02 1.2E-02 25 191	1.3E+00 8.8E-03 48

THUNDER BAY #18, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
19:14----19:44	5.9E-02 4.6E-01 4.6E-02 990	2.6E+00 2.2E-02 2.9E-02 11	1.4E-02 1.4E-02 25 190	1.5E+00 9.0E-03 49
19:24----19:54	5.9E-02 4.4E-01 4.5E-02 990	2.6E+00 2.1E-02 2.6E-02 13	1.3E-02 1.4E-02 24 187	1.5E+00 8.3E-03 50
19:34----20:04	6.0E-02 4.3E-01 4.4E-02 990	2.6E+00 2.4E-02 2.3E-02 12	1.3E-02 1.7E-02 24 188	1.5E+00 8.2E-03 51
19:44----20:14	5.4E-02 4.2E-01 4.3E-02 990	2.5E+00 2.3E-02 2.1E-02 12	1.2E-02 1.7E-02 24 187	1.4E+00 7.8E-03 51
19:54----20:24	5.3E-02 4.1E-01 4.2E-02 990	2.6E+00 2.4E-02 1.8E-02 10	1.2E-02 1.8E-02 24 191	1.5E+00 8.0E-03 51
20:04----20:34	5.0E-02 3.9E-01 4.0E-02 990	2.8E+00 2.7E-02 1.5E-02 8	1.1E-02 2.0E-02 24 194	1.6E+00 8.8E-03 52
20:14----20:44	4.9E-02 3.7E-01 3.9E-02 990	2.7E+00 2.8E-02 1.1E-02 8	1.1E-02 2.1E-02 23 192	1.5E+00 9.1E-03 53
20:24----20:54	4.4E-02 3.5E-01 3.9E-02 990	2.3E+00 2.6E-02 7.7E-03 10	1.1E-02 1.9E-02 23 186	1.3E+00 8.5E-03 55
20:34----21:04	3.7E-02 3.2E-01 4.0E-02 990	1.7E+00 1.8E-02 4.8E-03 12	9.9E-03 1.3E-02 22 183	9.5E-01 6.8E-03 57
20:44----21:14	2.9E-02 2.9E-01 4.1E-02 990	1.4E+00 1.8E-02 3.1E-03 13	1.0E-02 1.3E-02 21 184	8.0E-01 5.8E-03 58
20:54----21:24	2.2E-02 2.7E-01 4.1E-02 990	1.0E+00 1.5E-02 1.3E-03 13	9.8E-03 1.1E-02 21 183	5.5E-01 5.8E-03 59

THUNDER BAY #18, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
21:04----21:34	1.6E-02 2.4E-01 4.2E-02 990	8.1E-01 1.4E-02 4.6E-04 13	9.4E-03 8.9E-03 21 183	4.1E-01 5.6E-03 61

STATISTICS

NUMBER OF READINGS 246

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DE
H2S	6.79E-03	1.01E-01	3.25E-02	2.03E-02	2.59E-02	2.04E-02
THC	4.29E-01	4.49E+00	1.73E+00	9.95E-01	1.46E+00	1.82E+00
SO2	6.81E-03	2.39E-01	1.55E-02	2.19E-02	1.22E-02	1.69E-02
THC-CH4	1.35E-02	2.56E+00	9.34E-01	6.23E-01	7.20E-01	2.18E+00
CH4	1.90E-01	9.68E-01	4.81E-01	1.89E-01	4.46E-01	1.49E+00
NOX	7.54E-03	3.74E-01	2.46E-02	2.51E-02	2.12E-02	1.63E-02
NO2	1.00E-06	4.25E-01	1.35E-02	2.84E-02	7.87E-03	4.54E+00
NO	3.62E-03	1.15E-01	1.25E-02	1.14E-02	1.00E-02	1.82E+00
OZONE	2.91E-02	5.26E-02	4.24E-02	3.83E-03	4.22E-02	1.10E-02
SOLAR RAD	1.94E-05	5.89E-02	2.66E-02	1.90E-02	1.21E-02	6.73E-03
TEMP	20	26	24	2		
HUMIDITY	46	66	52	5	52	
BAROMETER	990	991	990	0	990	
WIND SPEED	3	28	15	6	14	

MAXIMUM
AVERAGE

H2S	6.04E-02
THC	2.84E+00
SO2	4.95E-02
THC-CH4	1.61E+00
CH4	8.50E-01
NOX	3.94E-02
NO2	2.35E-02
NO	2.96E-02
OZONE	4.55E-02
SOLAR RAD	5.48E-02
TEMP	25
HUMIDITY	61
BAROMETER	991
WIND SPEED	23
WIND DIRECTION	194

THUNDER BAY #19

DATE: AUG 10 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: CAN-CAR (X2960-Y5840); 1.1KM & 025 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
22:33----23:03	3.4E-03 2.5E-01 2.3E-02 990	8.4E-01 4.7E-02 2.9E-05 4	3.6E-03 3.1E-02 16 61	4.4E-01 1.9E-02 143
22:48----23:18	2.6E-03 2.5E-01 2.7E-02 990	8.2E-01 4.0E-02 1.4E-05 4	4.4E-03 1.4E-02 15 53	4.4E-01 2.3E-02 165
23:03----23:33	2.1E-03 3.0E-01 2.7E-02 990	8.9E-01 4.5E-02 2.5E-05 3	4.9E-03 1.9E-02 15 52	4.8E-01 2.2E-02 173
23:18----23:48	1.8E-03 3.3E-01 2.9E-02 990	7.3E-01 3.7E-02 2.8E-05 4	4.6E-03 1.9E-02 14 62	3.5E-01 1.8E-02 181
23:33----00:03	1.6E-03 4.0E-01 3.0E-02 990	7.4E-01 2.8E-02 2.7E-05 3	4.4E-03 9.7E-03 14 56	3.5E-01 1.9E-02 186
23:48----00:18	1.4E-03 5.0E-01 2.7E-02 990	1.4E+00 5.0E-02 1.6E-05 2	4.5E-03 1.8E-02 14 48	6.6E-01 3.5E-02 184
00:03----00:33	1.2E-03 5.8E-01 2.2E-02 990	1.8E+00 6.3E-02 1.3E-05 0	4.3E-03 2.0E-02 14 59	8.1E-01 5.2E-02 180
00:18----00:48	1.2E-03 7.2E-01 2.7E-02 990	1.8E+00 4.7E-02 3.1E-05 3	4.7E-03 1.4E-02 15 212	8.2E-01 4.4E-02 177
00:33----01:03	1.8E-03 7.5E-01 3.8E-02 990	1.6E+00 3.0E-02 4.3E-05 7	5.3E-03 1.3E-02 15 218	8.0E-01 2.2E-02 173
00:48----01:18	2.8E-03 6.0E-01 3.9E-02 990	1.1E+00 3.3E-02 2.9E-05 5	7.7E-03 2.4E-02 16 231	5.9E-01 1.2E-02 164

THUNDER BAY #19, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
01:03----01:33	2.6E-03 5.5E-01 2.3E-02 990	1.0E+00 5.4E-02 9.3E-06 1	9.1E-03 4.1E-02 16 294	4.9E-01 1.8E-02 162
01:18----01:48	1.9E-03 6.0E-01 9.6E-03 990	1.1E+00 5.9E-02 5.7E-06 1	7.7E-03 4.2E-02 15 24	5.1E-01 2.1E-02 169
01:33----02:03	1.6E-03 6.3E-01 7.2E-03 990	1.2E+00 5.8E-02 2.0E-05 2	7.0E-03 3.9E-02 15 49	5.6E-01 2.2E-02 173
01:48----02:18	1.4E-03 6.3E-01 7.5E-03 991	1.4E+00 7.6E-02 3.2E-05 1	7.2E-03 5.2E-02 15 37	6.5E-01 2.8E-02 168
02:03----02:33	1.3E-03 6.6E-01 4.5E-03 991	1.4E+00 8.5E-02 2.7E-05 1	7.5E-03 5.1E-02 16 337	7.3E-01 3.9E-02 162
02:18----02:48	1.0E-03 6.7E-01 9.1E-04 991	1.2E+00 6.7E-02 1.5E-05 0	6.9E-03 3.6E-02 15 321	5.9E-01 3.7E-02 165
02:33----03:03	7.2E-04 6.6E-01 1.0E-03 990	1.0E+00 5.9E-02 1.6E-05 1	6.2E-03 3.7E-02 15 324	4.5E-01 2.5E-02 170
02:48----03:18	4.8E-04 6.6E-01 9.9E-04 990	9.0E-01 6.8E-02 1.6E-05 1	6.1E-03 3.8E-02 15 322	4.1E-01 3.4E-02 170
03:03----03:33	3.1E-04 6.6E-01 8.5E-04 990	9.2E-01 8.4E-02 8.8E-06 1	6.1E-03 3.7E-02 15 313	4.0E-01 4.9E-02 170
03:18----03:48	2.1E-04 6.8E-01 5.1E-04 990	1.2E+00 9.3E-02 1.4E-05 0	6.1E-03 2.8E-02 15 309	6.1E-01 6.7E-02 171
03:33----04:03	2.1E-04 8.3E-01 2.9E-04 990	1.7E+00 9.4E-02 1.8E-05 0	6.0E-03 3.7E-02 15 70	8.9E-01 6.3E-02 176

THUNDER BAY #19, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
03:48----04:18	3.0E-04 9.8E-01 3.2E-04 990	2.1E+00 9.1E-02 2.0E-05 2	5.9E-03 4.2E-02 15 70	1.1E+00 5.5E-02 185
04:03----04:33	3.0E-04 9.2E-01 5.1E-04 989	2.0E+00 8.6E-02 2.1E-05 3	6.1E-03 4.1E-02 15 62	1.0E+00 5.1E-02 193
04:18----04:48	2.4E-04 8.4E-01 1.4E-03 989	2.5E+00 6.9E-02 1.8E-05 4	5.9E-03 4.5E-02 15 60	1.3E+00 3.0E-02 200
04:33----05:03	3.1E-04 8.7E-01 6.1E-03 989	3.0E+00 6.6E-02 1.9E-05 2	5.8E-03 3.6E-02 15 67	1.7E+00 3.3E-02 206
04:48----05:18	2.3E-04 8.4E-01 6.9E-03 989	2.3E+00 6.5E-02 1.6E-05 1	5.3E-03 3.3E-02 15 16	1.2E+00 3.5E-02 198
05:03----05:33	3.8E-05 7.5E-01 2.1E-03 989	1.5E+00 5.8E-02 1.3E-05 1	4.9E-03 2.6E-02 15 336	7.5E-01 3.5E-02 181
05:18----05:48	2.0E-06 7.3E-01 3.9E-04 989	1.3E+00 5.4E-02 2.0E-05 1	4.6E-03 2.2E-02 15 296	6.4E-01 3.4E-02 176
05:33----06:03	2.0E-06 7.2E-01 1.6E-03 989	1.2E+00 4.2E-02 2.6E-05 2	4.4E-03 2.5E-02 15 298	5.4E-01 1.8E-02 178
05:48----06:18	1.0E-06 6.9E-01 2.3E-03 989	1.0E+00 3.9E-02 2.5E-05 2	4.1E-03 2.6E-02 15 303	4.5E-01 1.5E-02 177
06:03----06:33	1.0E-06 6.6E-01 1.8E-03 989	8.9E-01 4.3E-02 6.9E-05 2	4.3E-03 2.8E-02 15 313	3.7E-01 1.8E-02 176
06:18----06:48	1.0E-06 6.5E-01 1.5E-03 989	1.2E+00 8.7E-02 6.3E-04 2	5.0E-03 3.3E-02 15 314	5.8E-01 5.4E-02 176

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
06:33----07:03	1.0E-06 6.9E-01 1.1E-03 989	1.7E+00 1.2E-01 1.4E-03 0	5.3E-03 3.4E-02 15 64	8.5E-01 8.3E-02 175
06:48----07:18	1.8E-05 9.3E-01 4.9E-04 989	2.6E+00 1.5E-01 2.3E-03 0	5.9E-03 3.0E-02 15 80	1.2E+00 1.4E-01 174
07:03----07:33	2.3E-05 1.1E+00 4.3E-04 989	3.1E+00 1.7E-01 3.4E-03 1	6.3E-03 3.8E-02 15 342	1.5E+00 1.4E-01 172
07:18----07:48	6.3E-05 9.6E-01 8.6E-04 989	2.6E+00 1.3E-01 5.5E-03 1	6.0E-03 3.8E-02 16 345	1.3E+00 9.5E-02 170
07:33----08:03	1.7E-04 7.7E-01 1.2E-03 989	2.7E+00 1.6E-01 8.5E-03 0	6.7E-03 2.5E-02 16 18	1.3E+00 1.4E-01 170
07:48----08:18	2.7E-04 8.0E-01 1.4E-03 989	2.9E+00 1.7E-01 9.9E-03 0	7.5E-03 3.5E-02 16 5	1.5E+00 1.3E-01 162
08:03----08:33	4.7E-04 7.9E-01 1.3E-03 989	2.7E+00 1.4E-01 8.3E-03 1	7.3E-03 4.5E-02 17 10	1.4E+00 8.9E-02 175
08:18----08:48	5.3E-04 7.7E-01 8.5E-04 990	2.5E+00 1.3E-01 4.2E-03 2	6.5E-03 4.7E-02 16 28	1.3E+00 8.3E-02 207
08:33----09:03	3.2E-04 8.4E-01 4.4E-04 989	2.4E+00 1.4E-01 1.3E-03 1	5.3E-03 5.5E-02 16 56	1.3E+00 8.9E-02 229

STATISTICS

NUMBER OF READINGS 255

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	5.46E-03	8.77E-04	1.03E-03	1.54E-04	1.86E+01
THC	4.34E-01	6.65E+00	1.66E+00	9.65E-01	1.43E+00	1.71E+00
SO2	2.34E-03	1.35E-02	5.74E-03	1.43E-03	5.57E-03	1.27E+00
THC-CH4	2.19E-01	2.51E+00	8.29E-01	5.29E-01	6.88E-01	1.84E+00
CH4	1.78E-01	1.46E+00	6.90E-01	2.18E-01	6.50E-01	1.44E+00
NOX	1.34E-02	3.24E-01	8.08E-02	5.38E-02	6.63E-02	1.88E+00
NO2	1.00E-06	1.33E-01	3.29E-02	2.45E-02	1.12E-02	2.18E+01
NO	7.55E-03	4.27E-01	5.11E-02	5.32E-02	3.47E-02	2.34E+00
OZONE	1.04E-04	5.14E-02	9.14E-03	1.27E-02	2.36E-03	6.20E+00
SOLAR RAD	1.00E-06	1.19E-02	1.11E-03	2.60E-03	5.55E-05	1.23E+01
TEMP	14	17	15	1		
HUMIDITY	113	243	178	20	177	1
BAROMETER	989	991	990	0	990	1
WIND SPEED	0	14	2	2	0	16

MAXIMUM
AVERAGE

H2S	3.41E-03
THC	3.10E+00
SO2	9.14E-03
THC-CH4	1.66E+00
CH4	1.15E+00
NOX	1.72E-01
NO2	5.46E-02
NO	1.44E-01
OZONE	3.90E-02
SOLAR RAD	9.92E-03
TEMP	17
HUMIDITY	229
BAROMETER	991
WIND SPEED	7
WIND DIRECTION	345

THUNDER BAY #20

DATE: AUG 11 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: NEEBING & MONTREAL STS (X2920-Y5830): 1.0KM & 005 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
12:24----12:54	1.1E-02 4.1E-01 6.2E-02 989	1.8E+00 5.5E-02 6.5E-02 21	6.8E-03 9.6E-02 26 215	1.0E+00 1.2E-02 74
12:39----13:09	9.1E-03 4.8E-01 6.4E-02 988	1.7E+00 4.6E-02 6.6E-02 20	5.7E-03 4.2E-02 27 214	9.5E-01 1.3E-02 73
12:54----13:24	8.5E-03 5.8E-01 6.3E-02 988	1.9E+00 4.4E-02 6.7E-02 20	5.7E-03 3.5E-02 27 213	1.0E+00 1.3E-02 73
13:09----13:39	7.4E-03 6.2E-01 6.1E-02 988	1.9E+00 5.0E-02 6.5E-02 18	6.1E-03 4.2E-02 27 217	1.0E+00 1.4E-02 70
13:24----13:54	6.5E-03 6.5E-01 6.0E-02 988	1.7E+00 4.6E-02 4.7E-02 17	5.8E-03 3.9E-02 28 222	9.0E-01 1.4E-02 67
13:39----14:09	5.3E-03 6.6E-01 6.0E-02 988	1.6E+00 3.7E-02 3.1E-02 18	4.6E-03 3.0E-02 28 223	8.1E-01 1.2E-02 66
13:54----14:24	5.1E-03 6.6E-01 5.6E-02 988	1.7E+00 4.0E-02 5.2E-02 19	3.7E-03 3.4E-02 28 218	8.7E-01 1.2E-02 67
14:09----14:39	5.8E-03 6.6E-01 5.3E-02 988	1.8E+00 3.9E-02 7.2E-02 20	3.1E-03 3.2E-02 28 213	9.6E-01 1.1E-02 69
14:24----14:54	6.1E-03 6.6E-01 5.2E-02 988	1.9E+00 3.4E-02 7.4E-02 21	2.9E-03 2.7E-02 27 211	9.8E-01 1.1E-02 69
14:39----15:09	5.5E-03 6.6E-01 5.1E-02 988	1.8E+00 3.2E-02 7.4E-02 21	2.6E-03 2.3E-02 28 214	9.3E-01 1.3E-02 68

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
14:54----15:24	4.9E-03 6.7E-01 5.0E-02 987	1.7E+00 4.3E-02 7.4E-02 21	2.6E-03 1.9E-02 28 218	9.0E-01 3.1E-02 65
15:09----15:39	4.6E-03 6.8E-01 5.0E-02 987	1.6E+00 4.3E-02 7.3E-02 19	2.6E-03 2.0E-02 29 220	8.0E-01 2.9E-02 63
15:24----15:54	4.2E-03 6.9E-01 5.1E-02 987	1.4E+00 2.8E-02 7.1E-02 18	1.8E-03 2.1E-02 29 221	7.0E-01 1.0E-02 62
15:39----16:09	4.6E-03 7.2E-01 4.8E-02 987	1.7E+00 3.5E-02 6.9E-02 18	1.5E-03 2.4E-02 29 221	8.5E-01 1.5E-02 61
15:54----16:24	6.9E-03 7.6E-01 4.8E-02 987	1.9E+00 3.6E-02 6.7E-02 16	2.5E-03 2.3E-02 29 203	9.8E-01 1.6E-02 63
16:09----16:39	1.2E-02 7.9E-01 5.1E-02 987	2.0E+00 3.2E-02 6.4E-02 16	3.7E-03 2.6E-02 29 188	1.0E+00 1.1E-02 65
16:24----16:54	1.7E-02 8.2E-01 5.2E-02 987	2.3E+00 3.8E-02 6.3E-02 15	4.3E-03 3.4E-02 29 197	1.2E+00 1.0E-02 64
16:39----17:09	1.9E-02 8.5E-01 5.3E-02 987	2.4E+00 3.9E-02 6.3E-02 15	4.2E-03 3.3E-02 29 206	1.3E+00 1.1E-02 62
16:54----17:24	1.6E-02 8.7E-01 5.3E-02 986	2.1E+00 3.2E-02 6.4E-02 16	2.7E-03 2.4E-02 30 211	1.1E+00 1.2E-02 61

STATISTICS

NUMBER OF READINGS 121

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	3.76E-03	2.81E-02	8.57E-03	4.91E-03	7.52E-03	1.63E+00
THC	1.28E+00	2.90E+00	1.84E+00	3.56E-01	1.81E+00	1.21E+00
SO2	1.12E-03	9.09E-03	3.86E-03	1.84E-03	3.41E-03	1.68E-00
THC-CH4	6.13E-01	1.64E+00	9.66E-01	2.15E-01	9.43E-01	1.25E+00
CH4	3.71E-01	9.11E-01	6.79E-01	1.26E-01	6.66E-01	1.23E+00
NOX	1.91E-02	1.32E-01	3.95E-02	1.68E-02	3.70E-02	1.42E+00
NO2	1.00E-06	4.13E-01	3.51E-02	4.23E-02	2.42E-02	4.16E+00
NO	1.00E-06	1.20E-01	1.42E-02	1.24E-02	1.16E-02	2.61E+00
OZONE	4.24E-02	6.86E-02	5.46E-02	6.12E-03	5.43E-02	1.12E+00
SOLAR RAD	9.46E-03	7.51E-02	6.42E-02	1.33E-02	6.13E-02	1.45E+00
TEMP	26	32	28	1		1
HUMIDITY	52	76	66	5	66	1
BAROMETER	986	989	987	1	987	1
WIND SPEED	11	28	19	4	18	

MAXIMUM
AVERAGE

H2S	1.94E-02
THC	2.38E+00
SO2	6.80E-03
THC-CH4	1.25E+00
CH4	8.73E-01
NOX	5.55E-02
NO2	9.62E-02
NO	3.06E-02
OZONE	6.39E-02
SOLAR RAD	7.42E-02
TEMP	30
HUMIDITY	74
BAROMETER	989
WIND SPEED	21
WIND DIRECTION	223

THUNDER BAY #21

DATE: AUG 11 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: C.N.R.A. REC. CENTRE (X3050-Y5830): 1.7KM & 050 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
17:58----18:28	4.5E-03 1.2E+00 5.5E-02 987	2.9E+00 3.6E-02 4.2E-02 6	2.6E-03 1.3E-02 30 214	1.6E+00 2.5E-02 57
18:13----18:43	4.0E-03 1.3E+00 5.5E-02 987	4.0E+00 3.7E-02 3.9E-02 6	2.1E-03 1.5E-02 29 219	1.8E+00 2.4E-02 61
18:28----18:58	3.7E-03 1.3E+00 5.3E-02 987	4.9E+00 4.3E-02 3.8E-02 6	2.5E-03 2.3E-02 29 221	2.2E+00 2.2E-02 62
18:43----19:13	3.4E-03 1.1E+00 5.4E-02 987	4.2E+00 3.7E-02 3.3E-02 6	2.1E-03 1.8E-02 29 222	1.8E+00 1.9E-02 63
18:58----19:28	3.0E-03 1.1E+00 5.4E-02 987	3.5E+00 3.2E-02 1.9E-02 6	1.4E-03 1.7E-02 28 221	1.6E+00 1.7E-02 69
19:13----19:43	2.6E-03 9.8E-01 5.3E-02 987	2.9E+00 3.4E-02 8.5E-03 5	9.3E-04 2.0E-02 26 222	1.6E+00 1.7E-02 78
19:28----19:58	2.2E-03 9.3E-01 4.7E-02 987	3.4E+00 3.5E-02 6.8E-03 3	1.1E-03 1.7E-02 25 227	2.3E+00 2.0E-02 87
19:43----20:13	2.0E-03 8.6E-01 4.5E-02 987	4.4E+00 3.6E-02 5.4E-03 2	1.1E-03 2.1E-02 25 224	2.6E+00 1.7E-02 93
19:58----20:28	1.9E-03 7.6E-01 4.6E-02 987	4.2E+00 3.2E-02 4.3E-03 1	5.4E-04 2.1E-02 24 219	2.4E+00 1.3E-02 101
20:13----20:43	1.6E-03 7.3E-01 3.8E-02 987	5.2E+00 3.8E-02 3.7E-03 0	2.2E-04 2.4E-02 23 53	3.0E+00 1.7E-02 111

THUNDER BAY #21, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
20:28----20:58	1.0E-03 6.7E-01 3.6E-02 987	4.6E+00 3.9E-02 2.8E-03 2	5.4E-06 2.3E-02 21 60	2.4E+00 1.9E-02 125
20:43----21:13	7.8E-04 5.9E-01 4.0E-02 987	2.1E+00 3.6E-02 1.8E-03 2	1.0E-06 1.6E-02 19 63	1.7E+00 2.1E-02 139
20:58----21:28	7.1E-04 5.5E-01 3.9E-02 987	1.7E+00 3.8E-02 7.8E-04 2	1.0E-06 1.6E-02 19 61	1.4E+00 2.2E-02 152
21:13----21:43	6.3E-04 5.2E-01 3.8E-02 987	2.2E+00 4.1E-02 1.6E-04 2	1.0E-06 1.9E-02 18 64	9.7E-01 2.3E-02 164
21:28----21:58	6.8E-04 5.1E-01 3.4E-02 987	3.1E+00 4.7E-02 1.6E-05 1	1.0E-06 2.3E-02 17 67	2.4E+00 2.6E-02 173
21:43----22:13	6.9E-04 4.8E-01 3.0E-02 987	3.3E+00 5.2E-02 3.1E-06 1	1.0E-06 2.4E-02 17 62	2.4E+00 2.9E-02 181
21:58----22:28	6.1E-04 4.4E-01 3.2E-02 987	2.7E+00 5.2E-02 5.9E-06 1	1.0E-06 2.1E-02 16 54	1.1E+00 3.1E-02 190
22:13----22:43	3.5E-04 4.6E-01 3.5E-02 987	4.0E+00 6.4E-02 5.1E-06 1	1.0E-06 2.5E-02 16 58	2.6E+00 3.8E-02 194
22:28----22:58	1.1E-04 4.6E-01 3.2E-02 987	4.3E+00 7.2E-02 5.7E-06 0	1.0E-06 3.1E-02 16 63	3.0E+00 4.1E-02 193
22:43----23:13	7.6E-05 4.7E-01 3.1E-02 988	3.4E+00 8.3E-02 1.0E-05 0	1.0E-06 3.5E-02 16 74	2.7E+00 4.7E-02 195
22:58----23:28	6.9E-05 4.7E-01 2.8E-02 988	2.8E+00 7.6E-02 1.2E-05 0	1.0E-06 3.5E-02 16 78	2.4E+00 4.1E-02 201

THUNDER BAY #21, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:13----23:43	1.7E-04 4.5E-01 2.1E-02 988	1.7E+00 5.1E-02 1.7E-05 0	1.0E-06 3.3E-02 15 82	1.1E+00 2.2E-02 210
23:28----23:58	4.9E-04 5.0E-01 2.3E-02 988	1.9E+00 4.1E-02 3.2E-05 0	1.0E-06 2.8E-02 15 107	1.1E+00 1.7E-02 219
23:43----00:13	8.3E-04 8.0E-01 2.4E-02 987	2.4E+00 3.2E-02 3.9E-05 0	1.0E-06 2.0E-02 15 109	1.3E+00 1.4E-02 225
23:58----00:28	1.1E-03 1.2E+00 1.4E-02 987	3.4E+00 4.4E-02 4.1E-05 0	1.0E-06 3.3E-02 15 167	1.9E+00 1.5E-02 230
00:13----00:43	1.3E-03 1.2E+00 4.0E-03 987	3.8E+00 6.5E-02 3.9E-05 0	1.0E-06 5.3E-02 15 16	2.1E+00 2.1E-02 233
00:28----00:58	1.3E-03 1.1E+00 2.6E-04 987	3.2E+00 8.0E-02 3.1E-05 0	1.0E-06 6.4E-02 15 10	1.6E+00 2.7E-02 235
00:43----01:13	1.3E-03 1.1E+00 4.9E-05 987	2.9E+00 8.5E-02 2.5E-05 0	1.0E-06 6.6E-02 15 306	1.6E+00 3.0E-02 237
00:58----01:28	1.3E-03 1.1E+00 6.5E-05 987	3.1E+00 8.4E-02 2.3E-05 0	1.0E-06 6.5E-02 15 319	1.6E+00 3.0E-02 238
01:13----01:43	1.4E-03 1.3E+00 3.8E-05 987	3.6E+00 8.2E-02 2.5E-05 0	1.0E-06 6.3E-02 15 23	1.8E+00 2.9E-02 240
01:28----01:58	1.4E-03 1.6E+00 2.9E-05 987	4.0E+00 8.0E-02 2.0E-05 0	1.0E-06 6.0E-02 15 42	2.1E+00 3.0E-02 242
01:43----02:13	1.3E-03 1.6E+00 6.4E-05 987	4.4E+00 8.3E-02 1.9E-05 0	1.0E-06 5.5E-02 15 31	2.3E+00 3.5E-02 238

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
01:58----02:28	1.3E-03 1.5E+00 8.6E-05 987	4.2E+00 9.2E-02 2.4E-05 0	1.0E-06 5.4E-02 15 133	2.2E+00 4.4E-02 239
02:13----02:43	1.3E-03 1.5E+00 7.3E-05 987	3.8E+00 1.0E-01 2.0E-05 0	1.0E-06 5.8E-02 15 115	1.9E+00 5.1E-02 244
02:28----02:58	1.3E-03 1.4E+00 1.5E-04 987	3.6E+00 1.1E-01 1.6E-05 0	1.0E-06 6.0E-02 15 131	1.8E+00 5.1E-02 242
02:43----03:13	1.2E-03 1.4E+00 1.8E-04 987	3.5E+00 9.8E-02 1.6E-05 0	1.0E-06 5.5E-02 15 193	1.8E+00 4.8E-02 238
02:58----03:28	1.1E-03 1.6E+00 1.3E-04 987	3.9E+00 9.5E-02 1.2E-05 0	1.0E-06 5.0E-02 15 154	2.0E+00 5.0E-02 231
03:13----03:43	1.0E-03 1.6E+00 1.0E-04 987	4.2E+00 9.5E-02 9.4E-06 0	1.0E-06 5.0E-02 15 170	2.2E+00 4.9E-02 225
03:28----03:58	9.6E-04 1.6E+00 6.1E-04 987	4.1E+00 8.3E-02 1.1E-05 0	1.0E-06 4.4E-02 15 217	2.2E+00 4.3E-02 222
03:43----04:13	9.0E-04 1.6E+00 3.1E-03 987	3.6E+00 6.8E-02 1.1E-05 0	1.0E-06 4.1E-02 14 111	1.8E+00 3.1E-02 226
03:58----04:28	9.6E-04 1.4E+00 1.1E-02 987	3.0E+00 5.2E-02 1.8E-05 1	1.0E-06 3.7E-02 14 96	1.5E+00 2.0E-02 237
04:13----04:43	7.2E-04 1.3E+00 1.6E-02 987	2.6E+00 4.3E-02 1.6E-05 1	1.0E-06 3.1E-02 14 93	1.3E+00 1.7E-02 240
04:28----04:58	4.7E-04 1.2E+00 1.7E-02 987	2.2E+00 3.8E-02 7.0E-06 0	1.0E-06 2.7E-02 14 134	1.1E+00 1.5E-02 236

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
04:43----05:13	4.6E-04 1.2E+00 1.6E-02 987	2.1E+00 4.2E-02 9.3E-06 0	1.0E-06 2.9E-02 14 172	1.0E+00 1.8E-02 234
04:58----05:28	4.4E-04 1.3E+00 1.0E-02 987	2.7E+00 4.7E-02 1.2E-05 0	1.0E-06 3.2E-02 13 144	1.3E+00 2.0E-02 237
05:13----05:43	3.4E-04 1.4E+00 1.0E-02 987	2.8E+00 4.1E-02 1.6E-05 0	1.0E-06 2.7E-02 14 90	1.3E+00 1.8E-02 238
05:28----05:58	2.4E-04 1.3E+00 1.5E-02 987	2.4E+00 4.1E-02 1.5E-05 0	1.0E-06 2.8E-02 13 89	1.2E+00 1.7E-02 237
05:43----06:13	2.0E-04 1.2E+00 1.8E-02 987	2.8E+00 4.0E-02 1.5E-05 0	1.0E-06 2.6E-02 13 123	1.5E+00 1.7E-02 236
05:58----06:28	2.0E-04 1.2E+00 2.0E-02 987	2.5E+00 3.2E-02 2.5E-05 0	1.0E-06 1.9E-02 13 97	1.3E+00 1.5E-02 232
06:13----06:43	1.9E-04 1.3E+00 1.9E-02 987	2.1E+00 3.1E-02 1.2E-04 0	1.0E-06 1.8E-02 13 106	9.4E-01 1.5E-02 235
06:28----06:58	1.5E-04 1.3E+00 2.1E-02 987	2.1E+00 2.9E-02 4.2E-04 0	1.0E-06 1.5E-02 13 118	9.6E-01 1.6E-02 236
06:43----07:13	1.9E-04 1.2E+00 2.0E-02 987	2.0E+00 3.1E-02 1.1E-03 0	1.0E-06 1.6E-02 13 111	1.0E+00 1.6E-02 233
06:58----07:28	3.6E-04 1.2E+00 1.8E-02 987	1.9E+00 4.0E-02 2.3E-03 1	1.0E-06 2.6E-02 13 83	9.4E-01 1.8E-02 240
07:13----07:43	2.8E-04 1.1E+00 2.1E-02 987	1.7E+00 3.8E-02 3.8E-03 2	1.0E-06 2.5E-02 13 78	7.1E-01 1.6E-02 246

THUNDER BAY #21, CONT'D

PAGE 6

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
07:28----07:58	2.6E-04 1.1E+00 1.5E-02 987	1.8E+00 4.3E-02 6.0E-03 1	1.0E-06 2.7E-02 13 75	7.9E-01 2.0E-02 244
07:43----08:13	5.4E-04 1.2E+00 1.3E-02 987	1.9E+00 4.8E-02 9.3E-03 0	1.0E-06 3.1E-02 14 80	8.7E-01 2.2E-02 231
07:58----08:28	6.5E-04 1.2E+00 1.8E-02 987	1.8E+00 4.0E-02 1.4E-02 1	1.0E-06 2.6E-02 16 119	7.8E-01 1.8E-02 199
08:13----08:43	8.8E-04 1.2E+00 2.1E-02 987	1.6E+00 3.8E-02 1.9E-02 1	1.0E-06 2.4E-02 18 115	6.8E-01 1.7E-02 169
08:28----08:58	1.3E-03 1.2E+00 2.3E-02 987	1.6E+00 3.6E-02 2.1E-02 2	1.0E-06 2.2E-02 19 99	6.5E-01 1.7E-02 168
08:43----09:13	1.7E-03 1.3E+00 2.4E-02 987	1.6E+00 3.6E-02 2.2E-02 3	1.0E-06 1.5E-02 19 97	6.4E-01 2.0E-02 177

STATISTICS

NUMBER OF READINGS 366

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	4.99E-03	1.14E-03	1.05E-03	5.68E-04	6.08E+00
THC	1.44E+00	1.16E+01	3.03E+00	1.78E+00	2.67E+00	1.61E+00
SO2	1.00E-06	4.27E-03	2.67E-04	7.33E-04	3.25E-06	1.44E+01
THC-CH4	6.03E-01	1.08E+01	1.65E+00	1.27E+00	1.36E+00	1.78E+00
CH4	3.89E-01	1.89E+00	1.09E+00	3.78E-01	1.01E+00	1.52E+00
NOX	2.11E-02	1.99E-01	5.34E-02	2.56E-02	4.82E-02	1.56E+00
NO2	1.00E-06	1.17E-01	3.16E-02	1.90E-02	2.11E-02	5.49E+00
NO	1.00E-02	1.22E-01	2.53E-02	1.30E-02	2.28E-02	1.55E+00
OZONE	1.00E-06	5.81E-02	2.22E-02	1.78E-02	5.78E-03	1.75E+01
SOLAR RAD	1.00E-06	4.41E-02	5.53E-03	1.12E-02	1.57E-04	2.72E+01
TEMP	13	32	17	5		
HUMIDITY	51	253	192	60	178	2
BAROMETER	986	988	987	0	987	1
WIND SPEED	0	9	1	2	0	26

MAXIMUM
AVERAGE

H2S	4.47E-03
THC	5.19E+00
SO2	2.61E-03
THC-CH4	3.05E+00
CH4	1.64E+00
NOX	1.05E-01
NO2	6.56E-02
NO	5.14E-02
OZONE	5.52E-02
SOLAR RAD	4.17E-02
TEMP	30
HUMIDITY	246
BAROMETER	988
WIND SPEED	6
WIND DIRECTION	319

THUNDER BAY #22

DATE: AUG 12 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: CAN-CAR (X2960-Y5840); 1.1KM @ 025 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
15:10----15:40	1.5E-02 8.0E-01 7.0E-02 984	3.5E+00 4.0E-02 4.2E-02 27	6.1E-02 3.4E-02 29 235	2.1E+00 1.3E-02 84
15:25----15:55	9.8E-03 6.2E-01 6.9E-02 984	3.1E+00 3.2E-02 4.3E-02 28	2.1E-02 2.7E-02 28 239	1.8E+00 1.1E-02 89
15:40----16:10	8.2E-03 4.8E-01 6.6E-02 984	2.9E+00 3.1E-02 4.7E-02 25	8.7E-02 2.9E-02 28 240	1.8E+00 9.1E-03 86
15:55----16:25	9.9E-03 4.1E-01 6.4E-02 984	3.0E+00 3.2E-02 5.3E-02 21	1.6E-01 3.2E-02 29 241	1.9E+00 7.2E-03 83
16:10----16:40	9.8E-03 4.7E-01 6.5E-02 984	3.1E+00 2.9E-02 5.3E-02 19	1.8E-01 2.5E-02 29 243	1.9E+00 9.4E-03 80
16:25----16:55	9.0E-03 6.5E-01 6.8E-02 984	3.1E+00 3.1E-02 5.0E-02 19	1.6E-01 2.6E-02 30 243	1.9E+00 1.1E-02 78
16:40----17:10	8.1E-03 7.6E-01 6.8E-02 984	3.0E+00 3.3E-02 4.9E-02 18	1.6E-01 2.7E-02 30 242	1.8E+00 1.1E-02 76
16:55----17:25	7.1E-03 8.1E-01 6.8E-02 984	2.9E+00 3.1E-02 3.8E-02 16	1.8E-01 2.3E-02 30 242	1.7E+00 1.2E-02 74
17:10----17:40	5.7E-03 8.7E-01 6.8E-02 984	2.9E+00 2.8E-02 1.9E-02 15	1.9E-01 1.8E-02 31 248	1.6E+00 1.3E-02 72
17:25----17:55	4.3E-03 9.5E-01 6.5E-02 984	2.9E+00 3.4E-02 1.0E-02 15	1.9E-01 2.2E-02 31 248	1.6E+00 1.6E-02 70

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
17:40----18:10	3.5E-03 1.0E+00 6.4E-02 984	2.9E+00 3.9E-02 9.3E-03 16	2.0E-01 2.6E-02 31 248	1.6E+00 1.8E-02 69
17:55----18:25	3.0E-03 1.1E+00 6.4E-02 984	2.9E+00 3.8E-02 8.4E-03 17	2.1E-01 2.1E-02 31 250	1.5E+00 2.0E-02 70
18:10----18:40	2.8E-03 1.2E+00 6.4E-02 984	2.9E+00 3.8E-02 7.8E-03 16	2.1E-01 1.7E-02 31 250	1.5E+00 2.2E-02 71
18:25----18:55	2.7E-03 1.3E+00 6.3E-02 984	3.0E+00 4.3E-02 6.8E-03 14	2.1E-01 1.9E-02 31 249	1.5E+00 2.5E-02 72
18:40----19:10	3.0E-03 1.4E+00 5.9E-02 984	3.1E+00 5.3E-02 6.2E-03 14	2.1E-01 2.4E-02 30 246	1.6E+00 3.1E-02 75
18:55----19:25	4.6E-03 1.4E+00 5.6E-02 984	3.3E+00 6.2E-02 6.8E-03 12	2.0E-01 2.6E-02 30 243	1.7E+00 3.8E-02 78
19:10----19:40	6.2E-03 1.5E+00 5.4E-02 984	3.5E+00 7.0E-02 6.6E-03 11	1.9E-01 2.9E-02 30 241	1.8E+00 4.2E-02 80
19:25----19:55	6.6E-03 1.5E+00 5.4E-02 984	3.5E+00 7.1E-02 5.5E-03 10	1.9E-01 2.4E-02 30 236	1.8E+00 4.6E-02 84
19:40----20:10	6.3E-03 1.6E+00 5.7E-02 984	3.5E+00 7.0E-02 4.9E-03 8	1.9E-01 1.7E-02 30 224	1.8E+00 5.0E-02 89
19:55----20:25	9.5E-03 1.7E+00 5.4E-02 984	3.8E+00 7.6E-02 4.6E-03 8	1.8E-01 2.1E-02 29 229	2.0E+00 5.3E-02 95
20:10----20:40	1.2E-02 1.6E+00 4.3E-02 984	3.9E+00 9.1E-02 4.2E-03 8	1.7E-01 3.2E-02 29 239	2.0E+00 5.8E-02 100

THUNDER BAY #22, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
20:25----20:55	9.0E-03 1.5E+00 3.2E-02 984	3.6E+00 9.8E-02 3.1E-03 8	1.7E-01 4.7E-02 28 240	1.9E+00 5.4E-02 107
20:40----21:10	8.7E-03 1.2E+00 2.9E-02 984	3.5E+00 8.5E-02 1.7E-03 8	1.7E-01 5.3E-02 28 239	2.0E+00 4.0E-02 117
20:55----21:25	8.4E-03 9.0E-01 2.2E-02 984	3.6E+00 7.9E-02 6.6E-04 7	1.7E-01 6.3E-02 27 241	2.1E+00 2.8E-02 127
21:10----21:40	5.6E-03 6.7E-01 1.9E-02 984	3.3E+00 7.5E-02 2.0E-04 7	1.8E-01 6.5E-02 27 245	2.0E+00 2.3E-02 138
21:25----21:55	6.2E-03 5.1E-01 2.8E-02 985	3.3E+00 5.8E-02 3.0E-05 7	1.8E-01 5.3E-02 26 242	2.1E+00 1.6E-02 149
21:40----22:10	7.4E-03 4.0E-01 2.9E-02 985	3.5E+00 5.2E-02 1.4E-05 7	1.9E-01 5.7E-02 26 239	2.3E+00 9.0E-03 156

STATISTICS

NUMBER OF READINGS 423

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	2.22E-03	2.24E-02	7.30E-03	3.85E-03	6.38E-03	1.69E+00
THC	2.73E+00	5.15E+00	3.26E+00	3.99E-01	3.24E+00	1.12E+00
SO2	1.00E-06	2.24E-01	1.71E-01	5.14E-02	7.91E-02	2.15E+01
THC-CH4	1.49E+00	2.77E+00	1.84E+00	2.59E-01	1.83E+00	1.14E+00
CH4	3.02E-01	2.00E+00	9.95E-01	4.20E-01	8.97E-01	1.61E+00
NOX	1.36E-02	1.36E-01	5.24E-02	2.38E-02	4.72E-02	1.59E+00
NO2	1.00E-06	1.09E-01	3.26E-02	1.99E-02	2.55E-02	2.88E+00
NO	1.31E-03	8.02E-02	2.48E-02	1.67E-02	1.93E-02	2.11E+00
OZONE	6.96E-03	8.20E-02	5.38E-02	1.72E-02	4.97E-02	1.57E+00
SOLAR RAD	1.00E-06	8.06E-02	1.78E-02	2.09E-02	3.99E-03	1.89E+01
TEMP	26	32	29	2		
HUMIDITY	62	161	93	27	90	1
BAROMETER	984	985	984	0	984	1
WIND SPEED	3	39	14	7	12	2

MAXIMUM
AVERAGE

H2S	1.54E-02
THC	3.93E+00
SO2	2.13E-01
THC-CH4	2.25E+00
CH4	1.66E+00
NOX	9.76E-02
NO2	6.54E-02
NO	5.81E-02
OZONE	7.00E-02
SOLAR RAD	5.26E-02
TEMP	31
HUMIDITY	156
BAROMETER	985
WIND SPEED	28
WIND DIRECTION	250

THUNDER BAY #23

DATE: AUG 12 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: CAN-CAR (X2960-Y5840): 1.1KM & 025 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
22:14----22:44	2.3E-03 2.2E-01 4.5E-02 985	2.9E+00 4.2E-02 1.0E-06 5	1.1E-01 3.8E-02 25 248	1.9E+00 1.4E-02 159
22:29----22:59	2.2E-03 1.7E-01 4.9E-02 985	3.0E+00 4.3E-02 1.2E-06 6	1.6E-01 3.8E-02 25 242	2.2E+00 1.4E-02 157
22:44----23:14	4.7E-03 1.3E-01 4.8E-02 985	3.2E+00 4.9E-02 3.5E-06 8	1.8E-01 4.6E-02 25 236	2.3E+00 1.3E-02 156
22:59----23:29	6.2E-03 7.4E-02 3.4E-02 985	3.4E+00 6.3E-02 3.9E-06 7	1.8E-01 7.4E-02 25 241	2.2E+00 8.4E-03 157
23:14----23:44	4.0E-03 1.7E-02 1.8E-02 985	3.4E+00 8.3E-02 1.5E-06 3	2.0E-01 8.6E-02 24 278	2.2E+00 1.9E-02 164
23:29----23:59	2.2E-03 2.0E-06 7.7E-03 985	3.2E+00 1.2E-01 1.0E-06 4	2.2E-01 7.0E-02 23 299	2.3E+00 6.8E-02 172
23:44----00:14	1.8E-03 2.0E-06 3.9E-03 985	3.1E+00 1.4E-01 1.0E-06 4	2.3E-01 6.7E-02 22 309	2.2E+00 8.5E-02 179
23:59----00:29	1.2E-03 2.0E-06 2.6E-03 986	3.0E+00 1.7E-01 1.5E-06 3	2.3E-01 8.3E-02 22 319	2.2E+00 8.9E-02 176
00:14----00:44	7.6E-04 2.0E-06 3.2E-04 986	3.1E+00 1.8E-01 1.8E-06 2	2.4E-01 8.5E-02 21 308	2.3E+00 1.0E-01 172
00:29----00:59	7.6E-04 2.0E-06 1.9E-04 986	3.3E+00 1.8E-01 6.5E-06 1	2.4E-01 7.1E-02 21 300	2.4E+00 1.1E-01 175

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
00:44----01:14	6.4E-04 2.0E-06 2.0E-04 987	3.4E+00 1.9E-01 1.2E-05 0	2.4E-01 6.6E-02 21 26	2.5E+00 1.2E-01 172
00:59----01:29	2.8E-04 2.0E-06 2.3E-03 987	2.6E+00 1.3E-01 1.3E-05 2	2.4E-01 6.9E-02 21 72	2.0E+00 6.7E-02 160
01:14----01:44	6.0E-05 2.0E-06 7.9E-03 987	2.0E+00 8.7E-02 6.5E-06 2	2.4E-01 6.8E-02 20 73	1.5E+00 3.1E-02 158
01:29----01:59	3.0E-04 2.0E-06 1.2E-02 987	2.2E+00 1.0E-01 1.6E-06 0	2.3E-01 6.4E-02 19 73	1.7E+00 5.2E-02 171
01:44----02:14	5.4E-04 2.0E-06 1.1E-02 987	2.6E+00 1.2E-01 4.2E-06 0	2.3E-01 8.8E-02 19 336	1.9E+00 5.5E-02 181
01:59----02:29	6.9E-04 2.0E-06 5.5E-03 987	2.7E+00 1.4E-01 1.3E-05 1	2.3E-01 1.2E-01 19 320	2.2E+00 5.0E-02 184
02:14----02:44	6.6E-04 2.0E-06 1.6E-03 987	2.8E+00 1.5E-01 1.5E-05 0	2.3E-01 1.0E-01 19 332	2.2E+00 6.9E-02 182
02:29----02:59	4.6E-04 2.0E-06 1.3E-03 987	2.3E+00 1.1E-01 6.6E-06 0	2.2E-01 6.6E-02 19 17	1.9E+00 6.1E-02 181
02:44----03:14	6.3E-04 2.0E-06 6.0E-04 987	2.3E+00 1.3E-01 5.8E-06 0	2.2E-01 8.2E-02 19 352	1.9E+00 6.5E-02 188
02:59----03:29	6.8E-04 2.0E-06 2.5E-04 987	2.3E+00 1.4E-01 8.1E-06 0	2.2E-01 8.4E-02 19 50	1.9E+00 6.6E-02 188
03:14----03:44	6.3E-04 2.0E-06 3.1E-04 987	1.9E+00 1.0E-01 9.4E-06 1	2.2E-01 6.5E-02 19 50	1.6E+00 4.3E-02 187

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
03:29----03:59	6.5E-04 2.0E-06 2.5E-04 987	1.9E+00 1.2E-01 7.3E-06 0	2.2E-01 7.0E-02 19 15	1.6E+00 6.0E-02 190
03:44----04:14	6.1E-04 2.0E-06 2.0E-04 988	1.8E+00 1.4E-01 8.5E-06 0	2.2E-01 8.0E-02 18 274	1.5E+00 7.6E-02 198
03:59----04:29	7.0E-04 2.0E-06 2.0E-04 988	1.8E+00 1.7E-01 1.4E-05 0	2.2E-01 8.0E-02 18 277	1.6E+00 9.6E-02 202
04:14----04:44	4.7E-04 2.0E-06 1.7E-04 988	1.7E+00 1.5E-01 1.2E-05 0	2.2E-01 7.1E-02 18 263	1.5E+00 8.7E-02 200
04:29----04:59	6.6E-04 2.0E-06 3.7E-04 988	1.3E+00 1.2E-01 2.0E-05 2	2.2E-01 6.5E-02 18 236	1.3E+00 6.3E-02 210
04:44----05:14	3.0E-03 2.0E-06 3.4E-03 988	2.3E+00 1.5E-01 4.7E-05 4	2.2E-01 9.6E-02 19 229	1.8E+00 6.8E-02 236
04:59----05:29	4.7E-03 2.0E-06 5.5E-03 988	1.6E+00 1.8E-01 4.5E-05 3	2.2E-01 1.3E-01 20 228	1.4E+00 7.3E-02 246
05:14----05:44	4.0E-03 2.0E-06 4.8E-03 988	2.2E-01 1.8E-01 1.5E-05 1	2.2E-01 1.1E-01 20 232	6.2E-01 8.5E-02 227
05:29----05:59	2.2E-03 2.0E-06 2.8E-03 989	4.7E-01 1.9E-01 4.8E-06 0	2.1E-01 8.8E-02 20 62	7.7E-01 1.1E-01 205
05:44----06:14	8.6E-04 2.0E-06 2.7E-03 989	2.5E-01 1.4E-01 7.6E-06 1	2.1E-01 6.5E-02 19 69	5.3E-01 7.8E-02 190
05:59----06:29	6.3E-04 2.0E-06 4.6E-03 989	6.4E-05 8.2E-02 2.6E-05 3	2.2E-01 6.1E-02 18 70	2.9E-01 3.2E-02 189

THUNDER BAY #23, CONT'D

PAGE 4

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 N02 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
06:14----06:44	5.6E-04 2.0E-06 3.8E-03 989	6.4E-05 9.0E-02 8.7E-05 4	2.1E-01 7.0E-02 18 68	2.5E-01 3.5E-02 198
06:29----06:59	4.2E-04 2.0E-06 3.3E-03 990	6.4E-05 1.2E-01 3.5E-04 2	2.1E-01 7.1E-02 17 66	2.4E-01 5.3E-02 208
06:44----07:14	5.0E-04 2.0E-06 3.4E-03 990	1.2E-01 1.5E-01 1.1E-03 0	2.1E-01 7.2E-02 17 82	3.9E-01 8.5E-02 214
06:59----07:29	5.5E-04 2.0E-06 2.1E-03 990	1.5E-01 1.7E-01 2.5E-03 0	2.1E-01 8.0E-02 17 284	4.7E-01 1.0E-01 212
07:14----07:44	6.5E-04 2.0E-06 1.9E-03 990	2.7E-02 1.5E-01 4.7E-03 0	2.0E-01 8.2E-02 18 328	3.3E-01 8.2E-02 207
07:29----07:59	9.3E-04 2.0E-06 2.5E-03 991	6.4E-05 1.3E-01 8.1E-03 1	2.0E-01 6.4E-02 18 353	2.8E-01 7.6E-02 197
07:44----08:14	1.2E-03 2.0E-06 3.2E-03 991	6.4E-05 1.5E-01 1.2E-02 1	2.0E-01 6.3E-02 19 352	3.1E-01 9.3E-02 186
07:59----08:29	1.6E-03 2.0E-06 4.7E-03 991	2.7E-03 2.0E-01 1.4E-02 0	2.0E-01 7.8E-02 20 296	4.2E-01 1.2E-01 179
08:14----08:44	1.6E-03 2.0E-06 7.2E-03 992	2.7E-03 1.7E-01 1.0E-02 0	2.0E-01 7.1E-02 21 81	3.9E-01 1.0E-01 169
08:29----08:59	1.4E-03 2.0E-06 1.1E-02 992	6.4E-05 1.2E-01 1.1E-02 1	2.0E-01 5.1E-02 21 71	2.8E-01 7.3E-02 161

STATISTICS

NUMBER OF READINGS 261

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	8.72E-03	1.43E-03	1.57E-03	6.88E-04	5.78E-03
THC	1.00E-06	6.24E+00	1.70E+00	1.46E+00	2.32E-02	8.79E+02
SO2	1.00E-06	2.45E-01	2.11E-01	2.88E-02	2.00E-01	2.19E+00
THC-CH4	1.59E-01	5.24E+00	1.40E+00	9.18E-01	1.02E+00	2.44E+00
CH4	1.00E-06	2.92E-01	1.68E-02	5.39E-02	3.64E-06	3.98E-01
NOX	3.03E-02	5.65E-01	1.31E-01	7.35E-02	1.14E-01	1.67E+00
NO2	1.00E-06	3.53E-01	7.40E-02	4.98E-02	4.27E-02	9.14E+00
NO	1.00E-06	2.99E-01	6.71E-02	5.14E-02	4.70E-02	3.05E+00
OZONE	5.08E-05	5.39E-02	8.19E-03	1.35E-02	2.10E-03	6.40E+00
SOLAR RAD	1.00E-06	2.13E-02	1.85E-03	4.40E-03	2.08E-05	2.69E+01
TEMP	17	26	20	2		
HUMIDITY	139	255	186	23	184	
BAROMETER	985	992	988	2	988	
WIND SPEED	0	13	2	2	0	24

MAXIMUM
AVERAGE

H2S	6.19E-03
THC	3.45E+00
SO2	2.40E-01
THC-CH4	2.50E+00
CH4	2.17E-01
NOX	1.95E-01
NO2	1.25E-01
NO	1.20E-01
OZONE	4.89E-02
SOLAR RAD	1.37E-02
TEMP	25
HUMIDITY	246
BAROMETER	992
WIND SPEED	8
WIND DIRECTION	353

THUNDER BAY #24

DATE: AUG 13 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: HWY #61 & BROADWAY (X2840-Y5800); 1.0KM & 305 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
14:52----15:22	1.6E-02 1.0E-02 104	7.4E-04 3.0E-02 992	2.0E-02 3.7E-02 15	1.1E-02 24 123
14:57----15:27	1.4E-02 1.1E-02 105	3.7E-04 2.9E-02 992	2.2E-02 3.6E-02 15	1.2E-02 24 122
15:02----15:32	1.4E-02 1.2E-02 106	9.8E-05 2.7E-02 992	2.6E-02 3.7E-02 14	1.6E-02 23 118
15:07----15:37	1.5E-02 1.4E-02 107	5.2E-05 2.6E-02 992	3.0E-02 4.1E-02 14	1.9E-02 23 109
15:12----15:42	1.5E-02 1.7E-02 107	2.7E-05 2.4E-02 992	3.6E-02 4.5E-02 15	2.3E-02 24 102
15:17----15:47	1.5E-02 1.9E-02 107	2.7E-05 2.3E-02 992	3.9E-02 4.6E-02 15	2.4E-02 24 94
15:22----15:52	1.6E-02 2.1E-02 107	2.7E-05 2.2E-02 992	4.4E-02 4.7E-02 16	2.7E-02 24 89
15:27----15:57	1.6E-02 2.0E-02 107	1.0E-06 2.1E-02 992	4.2E-02 4.7E-02 17	2.6E-02 24 87
15:32----16:02	1.6E-02 2.0E-02 107	1.0E-06 2.1E-02 992	4.0E-02 4.5E-02 17	2.3E-02 24 88
15:37----16:07	1.6E-02 2.0E-02 107	1.0E-06 2.1E-02 992	4.0E-02 4.1E-02 17	2.1E-02 24 88
15:42----16:12	1.6E-02 1.9E-02 107	1.0E-06 2.2E-02 992	3.9E-02 3.8E-02 16	2.2E-02 24 89
15:47----16:17	1.7E-02 2.1E-02 107	1.0E-06 2.1E-02 992	4.1E-02 3.9E-02 15	2.3E-02 24 89

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
15:52----16:22	1.6E-02 2.1E-02 106	1.0E-06 2.1E-02 992	4.0E-02 4.1E-02 15	2.1E-02 24 88
15:57----16:27	1.5E-02 2.4E-02 106	1.0E-06 2.1E-02 992	4.1E-02 4.2E-02 15	2.1E-02 24 86
16:02----16:32	1.3E-02 2.3E-02 105	1.0E-06 2.2E-02 992	3.9E-02 4.5E-02 15	1.8E-02 24 86
16:07----16:37	1.2E-02 2.3E-02 105	1.0E-06 2.2E-02 992	4.0E-02 4.6E-02 16	1.9E-02 24 85
16:12----16:42	1.3E-02 2.5E-02 104	1.0E-06 2.2E-02 992	4.0E-02 4.6E-02 16	1.7E-02 24 86
16:17----16:47	1.5E-02 2.5E-02 105	1.0E-06 2.3E-02 991	4.0E-02 4.2E-02 15	1.8E-02 24 87
16:22----16:52	1.7E-02 2.5E-02 106	2.3E-06 2.3E-02 991	4.0E-02 3.6E-02 15	1.8E-02 24 88
16:27----16:57	1.8E-02 2.3E-02 108	2.3E-06 2.3E-02 991	4.2E-02 3.2E-02 14	2.1E-02 23 89
16:32----17:02	1.9E-02 2.7E-02 110	2.3E-06 2.2E-02 991	4.7E-02 2.7E-02 14	2.3E-02 23 90
16:37----17:07	1.9E-02 3.0E-02 113	2.3E-06 2.1E-02 991	5.1E-02 2.2E-02 12	2.4E-02 23 92
16:42----17:12	1.7E-02 3.5E-02 115	2.3E-06 1.9E-02 991	6.0E-02 2.0E-02 12	2.7E-02 23 91
16:47----17:17	1.4E-02 3.7E-02 116	2.3E-06 1.9E-02 991	6.4E-02 2.1E-02 11	2.9E-02 22 92
16:52----17:22	1.1E-02 3.8E-02 114	1.0E-06 1.9E-02 991	6.3E-02 2.1E-02 9	2.8E-02 23 95
16:57----17:27	8.7E-03 3.8E-02 112	1.1E-04 1.9E-02 991	6.9E-02 2.2E-02 7	3.3E-02 23 100

THUNDER BAY #24, CONT'D

PAGE 3

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
17:02----17:32	7.1E-03 3.5E-02 109	4.7E-03 2.0E-02 991	6.5E-02 2.4E-02 5	3.1E-02 23 117
17:07----17:37	5.4E-03 3.2E-02 104	1.7E-02 2.1E-02 991	5.8E-02 2.6E-02 4	2.8E-02 24 135
17:12----17:42	4.0E-03 2.6E-02 100	2.4E-02 2.2E-02 991	5.4E-02 2.6E-02 4	2.9E-02 24 157
17:17----17:47	2.3E-03 2.6E-02 96	2.8E-02 2.2E-02 991	4.9E-02 2.6E-02 4	2.6E-02 24 168

STATISTICS

NUMBER OF READINGS 176

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.51E-04	3.14E-02	1.31E-02	7.10E-03	9.71E-03	2.77E+00
SO2	1.00E-06	1.38E-01	4.97E-03	1.64E-02	7.66E-06	4.36E+01
NOX	8.87E-03	1.81E-01	4.29E-02	2.46E-02	3.75E-02	1.69E+00
NO2	1.00E-06	1.55E-01	2.19E-02	2.01E-02	9.64E-03	1.20E+01
NO	3.32E-03	9.58E-02	2.35E-02	1.39E-02	2.02E-02	1.78E+00
OZONE	9.83E-03	3.82E-02	2.28E-02	4.57E-03	2.24E-02	1.23E+00
SOLAR RAD	1.72E-02	6.55E-02	3.50E-02	1.19E-02	3.30E-02	1.41E+00
TEMP	22	25	24	1		
HUMIDITY	87	119	105	7	105	1
BAROMETER	991	992	992	0	992	1
WIND SPEED	0	27	13	6	10	2

MAXIMUM
AVERAGE

H2S	1.89E-02
SO2	2.78E-02
NOX	6.86E-02
NO2	3.30E-02
NO	3.82E-02
OZONE	3.00E-02
SOLAR RAD	4.69E-02
TEMP	24
HUMIDITY	116
BAROMETER	992
WIND SPEED	17
WIND DIRECTION	168

THUNDER BAY #25

DATE: AUG 13 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: HWY #61 & BROADWAY (X2840-Y5800); 1.0KM & 305 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
19:12----19:42	6.1E-04 3.0E-02 137	2.5E-03 2.5E-02 990	4.3E-02 1.1E-02 5	1.1E-02 21 67
19:27----19:57	3.3E-04 2.7E-02 139	2.1E-03 2.6E-02 990	3.7E-02 8.0E-03 8	1.2E-02 21 73
19:42----20:12	7.9E-05 2.3E-02 145	1.8E-03 2.6E-02 990	3.9E-02 4.7E-03 9	1.9E-02 21 74
19:57----20:27	1.0E-06 1.9E-02 154	1.6E-03 2.8E-02 990	3.8E-02 3.7E-03 10	2.1E-02 20 68
20:12----20:42	1.0E-06 2.6E-02 160	1.4E-03 2.6E-02 990	4.0E-02 3.0E-03 10	1.7E-02 20 68
20:27----20:57	1.0E-06 2.5E-02 161	1.2E-03 2.6E-02 990	4.6E-02 2.0E-03 8	2.4E-02 20 74
20:42----21:12	1.0E-06 1.9E-02 162	8.5E-04 2.5E-02 990	3.8E-02 1.3E-03 7	2.4E-02 19 78
20:57----21:27	1.0E-06 2.2E-02 166	7.1E-04 2.4E-02 990	3.2E-02 5.7E-04 5	1.6E-02 19 75
21:12----21:42	1.0E-06 2.8E-02 171	1.8E-03 2.1E-02 990	5.9E-02 1.2E-04 2	3.9E-02 19 69
21:27----21:57	1.0E-06 3.1E-02 173	2.4E-03 2.0E-02 990	7.2E-02 1.9E-05 2	4.7E-02 19 74
21:42----22:12	1.0E-06 3.1E-02 177	1.8E-03 2.0E-02 990	5.9E-02 8.1E-06 3	2.7E-02 18 72
21:57----22:27	1.0E-06 2.4E-02 180	1.6E-03 2.0E-02 990	4.9E-02 8.1E-06 3	2.6E-02 18 60

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
22:12----22:42	1.0E-06 1.5E-02 181	1.8E-03 2.0E-02 990	4.0E-02 1.3E-05 5	2.9E-02 18 65
22:27----22:57	1.0E-06 1.9E-02 183	1.5E-03 2.1E-02 990	3.9E-02 1.3E-05 6	2.5E-02 18 73
22:42----23:12	1.0E-06 2.7E-02 186	9.4E-04 2.0E-02 990	4.4E-02 8.1E-06 5	1.9E-02 18 74
22:57----23:27	1.0E-06 2.2E-02 188	1.4E-03 1.9E-02 990	4.8E-02 9.0E-06 4	3.0E-02 18 66
23:12----23:42	1.0E-06 1.3E-02 193	2.1E-03 2.1E-02 990	4.4E-02 1.0E-05 5	3.7E-02 18 61
23:27----23:57	1.0E-06 1.5E-02 204	1.8E-03 2.5E-02 990	4.2E-02 1.0E-05 7	3.1E-02 17 69
23:42----00:12	1.0E-06 1.8E-02 214	1.8E-03 2.8E-02 990	4.3E-02 1.3E-05 7	2.8E-02 17 72
23:57----00:27	1.0E-06 1.5E-02 220	3.9E-03 3.2E-02 990	3.6E-02 1.8E-05 6	2.4E-02 17 72
00:12----00:42	1.0E-06 1.7E-02 222	4.7E-03 3.5E-02 990	3.4E-02 2.1E-05 6	1.8E-02 18 74
00:27----00:57	1.0E-06 1.5E-02 219	3.1E-03 3.4E-02 990	3.3E-02 1.8E-05 5	1.9E-02 18 64
00:42----01:12	1.0E-06 1.0E-02 219	2.2E-03 3.1E-02 990	3.6E-02 1.5E-05 5	3.1E-02 18 56
00:57----01:27	1.0E-06 1.1E-02 219	2.0E-03 3.3E-02 990	4.3E-02 1.3E-05 5	3.9E-02 18 64
01:12----01:42	1.0E-06 1.1E-02 217	1.8E-03 3.6E-02 990	4.0E-02 1.3E-05 6	3.5E-02 18 65
01:27----01:57	1.0E-06 1.4E-02 218	1.9E-03 3.6E-02 990	4.0E-02 1.2E-05 6	3.1E-02 18 70

THUNDER BAY #25, CONT'D

PAGE 3

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
01:42----02:12	1.0E-06 1.4E-02 222	1.8E-03 3.6E-02 989	3.4E-02 9.2E-06 6	2.3E-02 18 73
01:57----02:27	1.0E-06 9.9E-03 228	1.5E-03 3.6E-02 989	2.8E-02 9.0E-06 5	2.1E-02 17 62
02:12----02:42	1.0E-06 9.9E-03 230	1.6E-03 3.7E-02 989	3.2E-02 1.4E-05 4	2.6E-02 17 60
02:27----02:57	1.0E-06 1.2E-02 231	1.5E-03 4.1E-02 989	3.5E-02 1.9E-05 4	2.8E-02 17 61
02:42----03:12	1.0E-06 1.1E-02 235	1.5E-03 4.3E-02 989	3.6E-02 1.8E-05 4	3.0E-02 17 61
02:57----03:27	1.0E-06 8.9E-03 242	1.3E-03 4.3E-02 988	3.0E-02 2.0E-05 5	2.6E-02 17 59
03:12----03:42	1.0E-06 7.5E-03 249	1.3E-03 4.4E-02 988	2.9E-02 2.4E-05 5	2.7E-02 17 57
03:27----03:57	1.0E-06 8.6E-03 250	1.6E-03 4.4E-02 988	3.7E-02 2.8E-05 3	3.5E-02 17 63
03:42----04:12	1.0E-06 1.0E-02 249	1.4E-03 4.3E-02 988	3.6E-02 2.4E-05 3	3.1E-02 17 66
03:57----04:27	1.0E-06 1.3E-02 249	9.4E-04 4.4E-02 988	3.4E-02 1.6E-05 3	2.4E-02 17 65
04:12----04:42	1.0E-06 1.2E-02 249	8.7E-04 4.6E-02 988	3.1E-02 1.7E-05 3	2.2E-02 17 56
04:27----04:57	1.0E-06 8.3E-03 249	5.7E-04 4.5E-02 988	2.2E-02 1.9E-05 4	1.6E-02 17 47
04:42----05:12	1.0E-06 1.1E-02 252	7.4E-04 4.5E-02 988	2.7E-02 2.1E-05 4	1.9E-02 16 49
04:57----05:27	1.0E-06 1.2E-02 248	1.0E-03 4.3E-02 988	3.6E-02 2.0E-05 3	2.9E-02 16 54

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
05:12----05:42	1.0E-06 1.1E-02 239	9.6E-04 3.8E-02 988	3.5E-02 1.5E-05 1	2.9E-02 16 43
05:27----05:57	1.0E-06 9.9E-03 237	1.2E-03 3.7E-02 988	3.9E-02 2.1E-05 2	3.5E-02 16 55
05:42----06:12	1.0E-06 1.0E-02 239	1.4E-03 3.7E-02 988	3.9E-02 2.2E-05 2	3.5E-02 16 57
05:57----06:27	1.0E-06 1.1E-02 242	9.8E-04 3.2E-02 988	3.4E-02 1.9E-05 1	2.8E-02 16 34
06:12----06:42	1.0E-06 9.6E-03 249	4.1E-04 2.9E-02 988	3.2E-02 3.8E-05 1	2.7E-02 16 26
06:27----06:57	1.0E-06 1.7E-02 252	1.2E-04 2.5E-02 988	4.3E-02 1.5E-04 1	2.9E-02 16 10
06:42----07:12	1.0E-06 1.9E-02 249	3.7E-04 2.4E-02 988	5.3E-02 5.6E-04 1	3.9E-02 16 6
06:57----07:27	1.0E-06 3.3E-02 246	3.7E-04 2.0E-02 988	7.8E-02 1.4E-03 2	5.2E-02 16 330
07:12----07:42	1.0E-06 5.2E-02 250	5.6E-04 1.0E-02 988	1.1E-01 2.4E-03 2	6.1E-02 16 327
07:27----07:57	1.0E-06 3.7E-02 250	9.4E-04 1.1E-02 988	8.5E-02 3.4E-03 1	5.5E-02 16 9
07:42----08:12	1.0E-06 2.8E-02 249	7.6E-04 1.2E-02 987	7.1E-02 4.4E-03 2	5.0E-02 16 9
07:57----08:27	1.0E-06 2.9E-02 252	6.2E-04 1.2E-02 987	7.2E-02 5.9E-03 3	5.1E-02 16 11
08:12----08:42	1.0E-06 3.3E-02 247	4.9E-04 1.3E-02 988	7.4E-02 8.2E-03 3	4.8E-02 17 4
08:27----08:57	1.0E-06 3.4E-02 237	8.3E-04 1.4E-02 988	8.1E-02 9.4E-03 2	5.5E-02 17 4

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
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STATISTICS

NUMBER OF READINGS 334

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	2.21E-03	2.57E-05	2.05E-04	1.15E-06	2.66E-00
SO2	1.00E-06	6.39E-03	1.45E-03	1.06E-03	8.29E-04	5.88E+00
NOX	1.50E-02	1.82E-01	4.51E-02	2.51E-02	3.97E-02	1.63E-00
NO2	1.00E-06	1.22E-01	3.06E-02	2.03E-02	1.86E-02	6.92E-00
NO	5.01E-03	8.17E-02	1.90E-02	1.43E-02	1.53E-02	1.86E+00
OZONE	3.68E-03	4.92E-02	2.90E-02	1.07E-02	2.67E-02	1.56E+00
SOLAR RAD	1.19E-06	1.21E-02	1.58E-03	3.05E-03	8.58E-05	1.38E-01
TEMP	15	21	18	1		
HUMIDITY	133	258	215	36	212	1
BAROMETER	987	991	989	1	989	1
WIND SPEED	0	15	4	3	3	

MAXIMUM
AVERAGE

H2S	6.11E-04
SO2	4.66E-03
NOX	1.06E-01
NO2	6.12E-02
NO	5.24E-02
OZONE	4.56E-02
SOLAR RAD	1.06E-02
TEMP	21
HUMIDITY	252
BAROMETER	990
WIND SPEED	10
WIND DIRECTION	330

THUNDER BAY #26

DATE: AUG 14 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: NEEBING & MONTREAL STS (X2920-Y5830); 1.0KM & 005 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
10:56----11:26	7.2E-03 1.1E-02 103	7.1E-03 5.7E-02 987	3.5E-02 4.9E-02 19	3.0E-02 28 191
11:01----11:31	7.5E-03 9.3E-03 103	6.9E-03 5.8E-02 987	3.2E-02 4.9E-02 18	2.7E-02 28 191
11:06----11:36	8.0E-03 9.4E-03 102	6.9E-03 5.8E-02 987	3.3E-02 4.9E-02 17	2.7E-02 28 191
11:11----11:41	8.8E-03 1.0E-02 100	6.9E-03 5.8E-02 987	3.9E-02 5.1E-02 15	3.5E-02 29 190
11:16----11:46	1.0E-02 1.0E-02 98	7.1E-03 5.9E-02 987	4.2E-02 5.2E-02 15	3.8E-02 29 186
11:21----11:51	1.2E-02 9.7E-03 98	7.2E-03 6.0E-02 987	4.3E-02 5.1E-02 15	4.1E-02 29 181
11:26----11:56	1.3E-02 9.1E-03 98	7.1E-03 6.0E-02 987	4.3E-02 5.1E-02 14	4.2E-02 29 175
11:31----12:01	1.4E-02 1.1E-02 98	7.1E-03 6.0E-02 987	4.3E-02 4.9E-02 14	4.0E-02 29 169
11:36----12:06	1.5E-02 1.1E-02 99	7.0E-03 6.0E-02 987	4.3E-02 4.5E-02 14	4.0E-02 29 165
11:41----12:11	1.5E-02 1.3E-02 100	6.9E-03 5.9E-02 987	4.1E-02 4.1E-02 15	3.5E-02 29 164
11:46----12:16	1.5E-02 1.3E-02 102	6.6E-03 5.8E-02 987	4.1E-02 3.8E-02 15	3.5E-02 29 162
11:51----12:21	1.4E-02 1.5E-02 102	6.2E-03 5.7E-02 986	4.3E-02 3.8E-02 14	3.5E-02 29 161

THUNDER BAY #26, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	S02 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
11:56----12:26	1.5E-02 1.6E-02 102	6.3E-03 5.7E-02 986	4.6E-02 4.0E-02 14	3.5E-02 29 162
12:01----12:31	1.4E-02 1.6E-02 100	6.2E-03 5.6E-02 986	4.8E-02 4.1E-02 13	3.7E-02 29 169
12:06----12:36	1.7E-02 1.6E-02 98	6.4E-03 5.7E-02 986	4.9E-02 4.4E-02 14	3.9E-02 29 167
12:11----12:41	1.9E-02 1.4E-02 97	6.7E-03 5.9E-02 986	4.5E-02 5.0E-02 14	3.7E-02 29 166
12:16----12:46	2.1E-02 1.5E-02 95	7.2E-03 5.9E-02 986	4.7E-02 5.4E-02 14	3.7E-02 30 169
12:21----12:51	2.2E-02 1.4E-02 92	7.7E-03 5.9E-02 986	4.5E-02 5.7E-02 14	3.5E-02 30 171
12:26----12:56	2.1E-02 1.3E-02 89	8.0E-03 6.1E-02 986	4.3E-02 5.9E-02 16	3.7E-02 30 176
12:31----13:01	2.2E-02 1.6E-02 88	8.3E-03 6.0E-02 986	4.6E-02 6.3E-02 16	3.6E-02 31 176
12:36----13:06	1.9E-02 1.8E-02 86	8.5E-03 6.0E-02 986	5.1E-02 6.6E-02 15	4.0E-02 31 179
12:41----13:11	1.7E-02 2.0E-02 82	8.6E-03 5.8E-02 986	5.3E-02 6.6E-02 15	3.6E-02 32 181
12:46----13:16	1.5E-02 1.9E-02 80	8.7E-03 5.9E-02 986	5.0E-02 6.7E-02 15	3.5E-02 32 178

STATISTICS

NUMBER OF READINGS 57

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	6.15E-03	3.19E-02	1.41E-02	5.75E-03	1.30E-02	1.49E+00
SO2	5.13E-03	1.06E-02	7.42E-03	1.16E-03	7.33E-03	1.16E+00
NOX	1.96E-02	1.12E-01	4.33E-02	1.68E-02	4.08E-02	1.40E+00
NO2	4.59E-03	1.02E-01	3.51E-02	1.85E-02	3.04E-02	1.78E+00
NO	4.36E-03	3.90E-02	1.37E-02	7.77E-03	1.19E-02	1.68E+00
OZONE	4.29E-02	6.67E-02	5.86E-02	4.54E-03	5.84E-02	1.08E+00
SOLAR RAD	2.38E-02	7.28E-02	5.25E-02	1.16E-02	5.11E-02	1.27E+00
TEMP	28	34	30	2		
HUMIDITY	71	108	95	10	94	1
BAROMETER	986	987	986	0	986	1
WIND SPEED	8	23	16	3	15	1

MAXIMUM
AVERAGE

H2S	2.16E-02
SO2	8.73E-03
NOX	5.27E-02
NO2	4.17E-02
NO	2.05E-02
OZONE	6.07E-02
SOLAR RAD	6.69E-02
TEMP	32
HUMIDITY	103
BAROMETER	987
WIND SPEED	19
WIND DIRECTION	191

THUNDER BAY #27

DATE: AUG 14 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION:
 GORE ST, 0.1KM E OF NEEBING AVE (X2925-Y5910); 1.7KM & 005 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
13:38----14:08	1.2E-02 2.2E-02 72	1.6E-02 6.4E-02 986	4.9E-02 6.9E-02 15	3.8E-02 33 189
13:43----14:13	1.2E-02 2.2E-02 72	1.3E-02 6.5E-02 985	4.9E-02 7.0E-02 16	3.6E-02 32 188
13:48----14:18	1.2E-02 2.4E-02 73	1.2E-02 6.5E-02 985	5.1E-02 7.1E-02 16	3.4E-02 32 189
13:53----14:23	1.2E-02 3.1E-02 73	1.1E-02 6.5E-02 985	5.0E-02 7.0E-02 16	3.6E-02 32 190
13:58----14:28	1.1E-02 3.9E-02 73	1.1E-02 6.6E-02 985	5.8E-02 7.1E-02 17	3.5E-02 32 191
14:03----14:33	1.1E-02 3.8E-02 74	1.0E-02 6.6E-02 985	5.0E-02 7.0E-02 17	2.6E-02 32 190
14:08----14:38	1.1E-02 3.7E-02 73	1.1E-02 6.6E-02 985	5.4E-02 7.1E-02 16	3.0E-02 32 187
14:13----14:43	1.1E-02 3.7E-02 72	1.2E-02 6.8E-02 985	5.3E-02 7.2E-02 16	2.9E-02 33 188
14:18----14:48	1.1E-02 3.5E-02 71	1.2E-02 6.8E-02 985	5.2E-02 7.0E-02 16	3.0E-02 33 189
14:23----14:53	1.0E-02 2.5E-02 70	1.2E-02 7.0E-02 985	5.0E-02 7.1E-02 16	2.8E-02 33 189
14:28----14:58	9.9E-03 1.7E-02 70	1.2E-02 7.1E-02 985	4.0E-02 6.8E-02 16	2.7E-02 33 188
14:33----15:03	9.7E-03 1.7E-02 70	1.2E-02 7.1E-02 985	4.1E-02 6.8E-02 16	2.8E-02 33 186

THUNDER BAY #27, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
14:38----15:08	9.2E-03 1.5E-02 70	1.2E-02 7.1E-02 985	3.6E-02 6.4E-02 16	2.6E-02 33 189
14:43----15:13	8.3E-03 1.4E-02 72	1.1E-02 7.0E-02 985	3.5E-02 5.9E-02 16	2.5E-02 33 193
14:48----15:18	7.8E-03 1.5E-02 73	1.0E-02 6.9E-02 985	3.6E-02 5.6E-02 15	2.5E-02 32 192
14:53----15:23	7.7E-03 2.0E-02 74	1.1E-02 6.8E-02 985	4.2E-02 5.3E-02 14	2.7E-02 32 193
14:58----15:28	7.4E-03 2.2E-02 74	1.0E-02 6.8E-02 985	4.2E-02 5.1E-02 15	2.5E-02 32 196
15:03----15:33	7.0E-03 2.3E-02 76	1.0E-02 6.7E-02 985	6.5E-02 4.6E-02 15	5.2E-02 32 197
15:08----15:38	6.8E-03 2.3E-02 77	1.1E-02 6.8E-02 985	6.4E-02 4.3E-02 15	5.1E-02 31 197
15:13----15:43	6.7E-03 2.3E-02 78	1.1E-02 7.0E-02 985	6.4E-02 4.8E-02 16	5.1E-02 31 196

STATISTICS

NUMBER OF READINGS 128

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	5.69E-03	1.56E-02	9.45E-03	2.41E-03	9.14E-03	1.30E-03
SO2	8.55E-03	3.05E-02	1.23E-02	3.79E-03	1.18E-02	1.28E-03
NOX	2.05E-02	4.27E-01	5.03E-02	4.95E-02	4.18E-02	1.67E-02
NO2	1.00E-06	5.19E-01	3.59E-02	5.98E-02	9.62E-03	2.43E-01
NO	7.13E-03	2.94E-01	2.35E-02	3.58E-02	1.68E-02	1.92E-02
OZONE	3.00E-02	7.79E-02	6.79E-02	6.71E-03	6.75E-02	1.13E-02
SOLAR RAD	2.52E-02	8.22E-02	6.27E-02	1.53E-02	6.02E-02	1.37E-02
TEMP	30	34	32	1		
HUMIDITY	64	92	73	4	73	1
BAROMETER	985	986	985	0	985	
WIND SPEED	7	28	16	4	16	

MAXIMUM
AVERAGE

H2S	1.17E-02
SO2	1.60E-02
NOX	6.46E-02
NO2	5.25E-02
NO	3.89E-02
OZONE	7.12E-02
SOLAR RAD	7.17E-02
TEMP	33
HUMIDITY	78
BAROMETER	986
WIND SPEED	17
WIND DIRECTION	197

THUNDER BAY #28

DATE: AUG 14 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: NEEBING & MONTREAL STS (X2920-Y5830); 1.0KM & 005 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
16:01----16:31	9.8E-03 1.6E-02 70	1.0E-02 7.4E-02 985	4.0E-02 3.7E-02 21	2.8E-02 34 196
16:06----16:36	9.9E-03 1.5E-02 71	9.4E-03 7.4E-02 985	4.3E-02 3.7E-02 20	3.2E-02 34 196
16:11----16:41	9.8E-03 1.5E-02 72	8.7E-03 7.5E-02 985	4.1E-02 4.0E-02 20	3.1E-02 33 197
16:16----16:46	1.0E-02 1.6E-02 71	8.4E-03 7.5E-02 985	4.1E-02 4.4E-02 21	3.1E-02 33 194
16:21----16:51	9.5E-03 1.5E-02 71	8.2E-03 7.5E-02 985	4.0E-02 4.8E-02 20	2.9E-02 34 194
16:26----16:56	9.6E-03 1.4E-02 71	8.2E-03 7.5E-02 984	3.9E-02 5.1E-02 20	3.0E-02 34 193
16:31----17:01	1.0E-02 1.4E-02 71	8.7E-03 7.5E-02 984	4.0E-02 5.4E-02 19	3.2E-02 34 191
16:36----17:06	1.1E-02 1.3E-02 72	9.2E-03 7.5E-02 984	3.6E-02 5.2E-02 18	2.8E-02 34 190

STATISTICS

NUMBER OF READINGS 67

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEVI.
H2S	6.50E-03	2.08E-02	1.02E-02	2.92E-03	9.83E-03	1.30E+00
SO2	7.16E-03	1.39E-02	9.57E-03	1.71E-03	9.42E-03	1.19E+00
NOX	2.23E-02	9.83E-02	3.92E-02	1.19E-02	3.78E-02	1.30E+00
NO2	1.00E-06	9.01E-02	2.93E-02	1.32E-02	2.26E-02	4.09E+00
NO	8.81E-03	5.74E-02	1.46E-02	6.74E-03	1.38E-02	1.38E+00
OZONE	6.05E-02	8.24E-02	7.47E-02	4.03E-03	7.46E-02	1.06E+00
SOLAR RAD	2.31E-02	6.11E-02	4.60E-02	1.22E-02	4.41E-02	1.36E+00
TEMP	33	36	34	1		
HUMIDITY	63	77	71	3	71	1
BAROMETER	984	985	984	0	984	
WIND SPEED	12	30	19	4	19	

MAXIMUM
AVERAGE

H2S	1.09E-02
SO2	1.02E-02
NOX	4.29E-02
NO2	3.23E-02
NO	1.65E-02
OZONE	7.53E-02
SOLAR RAD	5.41E-02
TEMP	34
HUMIDITY	72
BAROMETER	985
WIND SPEED	21
WIND DIRECTION	197

THUNDER BAY #30

DATE: AUG 17 1978

SCAN TIME: 60 SEC

AVERAGING TIME: 30 MIN

LOCATION:

0.1KM E OF HWY #61 & BROADWAY (X2850-Y5795); 0.8KM & 305 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
17:54----18:24	1.3E+01 1.9E+01 2.0E-02 0	2.7E-02 4.8E+01 3.1E-02 987	5.2E+01 3.9E-02 2.9E-02 15	2.5E-03 2.4E-02 19 106
17:59----18:29	1.7E+01 1.9E+01 1.7E-02 0	2.4E-02 4.6E+01 3.2E-02 987	5.4E+01 3.4E-02 3.2E-02 16	2.1E-03 2.3E-02 19 100
18:04----18:34	2.7E+01 1.9E+01 1.8E-02 0	2.1E-02 4.5E+01 3.2E-02 987	5.4E+01 3.9E-02 3.4E-02 17	1.7E-03 2.7E-02 19 96
18:09----18:39	3.7E+01 1.9E+01 1.8E-02 0	1.9E-02 4.3E+01 3.2E-02 987	5.6E+01 4.1E-02 3.3E-02 17	1.3E-03 2.9E-02 20 95
18:14----18:44	4.1E+01 1.9E+01 1.4E-02 0	1.7E-02 4.4E+01 3.4E-02 987	5.8E+01 3.6E-02 3.1E-02 16	9.3E-04 2.8E-02 20 92
18:19----18:49	3.6E+01 1.8E+01 1.5E-02 0	1.4E-02 4.1E+01 3.4E-02 987	5.6E+01 3.4E-02 3.0E-02 16	5.9E-04 2.7E-02 19 89

STATISTICS

NUMBER OF READINGS 56

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.86E+02	2.68E+01	3.68E+01	1.41E-01	2.17E+03
H2S	8.90E-03	3.61E-02	2.00E-02	7.92E-03	1.85E-02	1.52E+00
THC	2.25E+01	8.37E+01	5.47E+01	1.33E+01	5.30E+01	1.30E+00
SO2	1.00E-06	4.36E-03	1.55E-03	1.26E-03	3.32E-04	2.26E+01
THC-CH4	1.16E+01	2.61E+01	1.80E+01	3.63E+00	1.77E+01	1.22E+00
CH4	8.92E+00	7.71E+01	4.35E+01	1.38E+01	4.09E+01	1.47E+00
NOX	1.40E-02	8.23E-02	3.78E-02	1.84E-02	3.37E-02	1.63E+00
NO2	1.00E-06	8.02E-02	2.68E-02	1.69E-02	1.43E-02	1.05E+01
NO	5.02E-03	4.38E-02	1.75E-02	1.07E-02	1.46E-02	1.84E+00
OZONE	1.63E-02	4.29E-02	3.23E-02	6.22E-03	3.16E-02	1.25E+00
SOLAR RAD	1.10E-02	4.15E-02	2.88E-02	8.12E-03	2.74E-02	1.41E+00
TEMP	18	21	19	1		
HUMIDITY	0	0	0	0	0	16
BAROMETER	987	988	987	0	987	
WIND SPEED	3	26	16	5	16	

MAXIMUM
AVERAGE

CO	4.13E+01
H2S	2.65E-02
THC	5.75E+01
SO2	2.52E-03
THC-CH4	1.90E+01
CH4	4.76E+01
NOX	4.08E-02
NO2	2.89E-02
NO	1.98E-02
OZONE	3.43E-02
SOLAR RAD	3.39E-02
TEMP	20
HUMIDITY	0
BAROMETER	987
WIND SPEED	17
WIND DIRECTION	106

THUNDER BAY #31

DATE: AUG 17 1978
 SCAN TIME: 120 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: ROSSLYN RD. & 20TH SIDE RD. (X2505-Y5910); 4.4KM & 290 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
19:17----19:47	2.8E+00 2.3E+01 2.6E-02 0	4.4E-03 4.9E+01 3.2E-02 985	4.5E+01 4.8E-02 8.4E-03 11	1.0E-06 2.7E-02 16 99
19:27----19:57	3.9E-06 2.3E+01 2.7E-02 0	3.6E-03 6.4E+01 3.0E-02 985	5.6E+01 5.0E-02 5.3E-03 10	1.0E-06 2.4E-02 16 99
19:37----20:07	3.9E-06 2.0E+01 2.5E-02 0	2.8E-03 4.7E+01 3.2E-02 985	7.7E+01 4.9E-02 4.0E-03 7	1.0E-06 2.6E-02 16 95
19:47----20:17	3.9E-06 1.9E+01 2.5E-02 0	2.4E-03 5.0E+01 3.2E-02 986	7.4E+01 4.6E-02 3.2E-03 7	1.0E-06 2.6E-02 16 90
19:57----20:27	3.9E-06 1.7E+01 2.6E-02 0	2.5E-03 3.2E+01 3.2E-02 985	4.7E+01 4.5E-02 3.3E-03 8	1.0E-06 2.7E-02 15 91
20:07----20:37	3.9E-06 1.8E+01 3.1E-02 0	2.4E-03 4.4E+01 3.1E-02 985	3.3E+01 5.2E-02 3.3E-03 10	1.0E-06 3.4E-02 15 95
20:17----20:47	3.9E-06 1.7E+01 2.6E-02 0	2.0E-03 4.3E+01 3.1E-02 985	4.5E+01 5.2E-02 2.7E-03 9	1.0E-06 3.4E-02 15 93
20:27----20:57	3.9E-06 1.7E+01 2.5E-02 0	1.2E-03 4.4E+01 3.1E-02 985	7.0E+01 5.2E-02 1.8E-03 8	1.0E-06 3.7E-02 15 96
20:37----21:07	3.9E-06 1.5E+01 2.1E-02 0	6.9E-04 3.2E+01 3.1E-02 985	8.2E+01 4.3E-02 1.0E-03 8	1.0E-06 2.7E-02 15 93
20:47----21:17	3.9E-06 1.4E+01 2.8E-02 0	4.9E-04 3.3E+01 3.1E-02 985	7.0E+01 4.4E-02 4.2E-04 6	1.0E-06 2.2E-02 15 98

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
20:57----21:27	3.9E-06 1.5E+01 3.8E-02 0	4.0E-04 4.5E+01 3.0E-02 985	5.8E+01 5.3E-02 1.5E-04 4	1.0E-06 2.4E-02 15 92
21:07----21:37	3.9E-06 1.4E+01 4.3E-02 0	2.5E-04 5.0E+01 2.8E-02 985	4.9E+01 6.9E-02 6.3E-05 4	1.0E-06 3.8E-02 15 95
21:17----21:47	3.9E-06 1.5E+01 3.7E-02 0	8.6E-05 4.9E+01 2.7E-02 985	5.6E+01 7.0E-02 2.6E-05 6	1.0E-06 4.2E-02 15 92
21:27----21:57	3.9E-06 1.5E+01 2.7E-02 0	2.9E-05 4.4E+01 2.7E-02 985	5.8E+01 6.3E-02 1.6E-05 6	3.3E-05 3.9E-02 15 89
21:37----22:07	3.9E-06 1.7E+01 2.1E-02 0	1.4E-05 4.6E+01 3.0E-02 984	6.4E+01 4.6E-02 1.1E-05 6	3.7E-05 2.7E-02 15 87
21:47----22:17	4.2E-02 1.6E+01 1.9E-02 0	1.8E-05 4.6E+01 3.0E-02 984	5.8E+01 4.5E-02 1.0E-05 6	1.2E-03 3.1E-02 14 80
21:57----22:27	3.0E+00 1.6E+01 1.9E-02 0	9.0E-06 4.6E+01 3.1E-02 984	5.2E+01 5.0E-02 1.2E-05 5	1.6E-03 3.8E-02 14 88

STATISTICS

NUMBER OF READINGS 96

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	4.23E+01	9.50E-01	5.67E+00	4.57E-06	9.14E+01
H2S	1.00E-06	5.14E-03	1.46E-03	1.62E-03	1.73E-04	2.73E+01
THC	1.00E-06	1.53E+02	5.71E+01	5.46E+01	2.20E-01	4.37E+03
SO2	1.00E-06	1.57E-02	2.66E-04	1.63E-03	2.19E-06	9.31E+00
THC-CH4	5.36E+00	2.76E+01	1.72E+01	5.43E+00	1.63E+01	1.42E+00
CH4	1.00E-06	1.17E+02	4.48E+01	3.63E+01	1.49E+00	1.02E+03
NOX	2.70E-02	1.55E-01	5.15E-02	2.31E-02	4.77E-02	1.45E+00
NO2	1.00E-06	1.51E-01	3.12E-02	2.61E-02	1.08E-02	2.13E+01
NO	1.28E-02	1.55E-01	2.68E-02	1.77E-02	2.41E-02	1.50E+00
OZONE	1.30E-02	3.78E-02	3.05E-02	3.70E-03	3.03E-02	1.15E+00
SOLAR RAD	1.00E-06	1.78E-02	2.32E-03	3.33E-03	3.21E-04	1.46E+01
TEMP	14	17	15	1		
HUMIDITY	0	0	0	0	0	9
BAROMETER	984	986	985	0	985	1
WIND SPEED	0	18	8	4	5	11

MAXIMUM
AVERAGE

CO	3.03E+00
H2S	4.35E-03
THC	8.15E+01
SO2	1.62E-03
THC-CH4	2.30E+01
CH4	6.42E+01
NOX	7.00E-02
NO2	4.22E-02
NO	4.31E-02
OZONE	3.25E-02
SOLAR RAD	8.44E-03
TEMP	16
HUMIDITY	0
BAROMETER	986
WIND SPEED	11
WIND DIRECTION	99

THUNDER BAY #32

DATE: AUG 17 1978
 SCAN TIME: 120 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: BROADWAY & BOWLER (X2505-Y5850); 4.2KM & 285 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
22:49----23:19	8.2E+00 2.1E+01 6.7E-02 0	1.0E-06 6.6E+01 1.5E-02 984	1.0E+02 1.2E-01 8.6E-06 6	2.9E-04 6.4E-02 15 88
22:59----23:29	7.2E+00 1.9E+01 5.3E-02 0	1.0E-06 6.3E+01 1.8E-02 984	9.1E+01 9.4E-02 1.2E-05 6	2.6E-04 5.3E-02 15 81
23:09----23:39	6.4E+00 1.3E+01 5.4E-02 0	1.0E-06 4.5E+01 1.8E-02 984	9.2E+01 9.6E-02 1.8E-05 5	1.4E-04 5.3E-02 15 76
23:19----23:49	5.5E+00 1.2E+01 6.5E-02 0	1.0E-06 4.6E+01 1.5E-02 984	9.1E+01 1.2E-01 2.1E-05 4	2.9E-04 6.1E-02 15 81
23:29----23:59	4.8E+00 1.1E+01 7.5E-02 0	1.0E-06 3.1E+01 1.0E-02 984	8.8E+01 1.5E-01 2.4E-05 2	7.0E-04 9.2E-02 15 88
23:39----00:09	4.2E+00 1.1E+01 7.4E-02 0	1.0E-06 2.8E+01 1.0E-02 984	6.4E+01 1.7E-01 2.3E-05 2	8.4E-04 1.2E-01 15 92
23:49----00:19	4.0E+00 8.9E+00 5.9E-02 0	1.0E-06 2.2E+01 1.1E-02 984	6.3E+01 1.6E-01 2.2E-05 1	9.0E-04 1.2E-01 15 77
23:59----00:29	3.5E+00 6.7E+00 6.7E-02 0	1.0E-06 3.7E+01 1.2E-02 984	5.7E+01 1.5E-01 2.0E-05 1	8.9E-04 1.0E-01 15 73
00:09----00:39	3.2E+00 4.3E+00 7.2E-02 0	1.0E-06 3.0E+01 1.4E-02 984	7.0E+01 1.2E-01 1.8E-05 1	1.0E-03 6.6E-02 15 65
00:19----00:49	2.9E+00 6.1E+00 7.6E-02 0	1.0E-06 2.3E+01 1.3E-02 984	7.2E+01 1.2E-01 1.8E-05 1	1.0E-03 7.3E-02 15 70

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
00:29----00:59	2.8E+00 8.6E+00 7.8E-02 0	1.0E-06 1.4E+01 1.5E-02 984	7.8E+01 1.1E-01 1.9E-05 2	9.3E-04 5.5E-02 16 85
00:39----01:09	2.7E+00 9.8E+00 7.7E-02 0	1.0E-06 2.0E+01 1.5E-02 984	7.0E+01 1.1E-01 1.9E-05 2	7.8E-04 5.7E-02 16 91
00:49----01:19	2.4E+00 9.2E+00 7.0E-02 0	1.0E-06 3.0E+01 2.0E-02 984	9.2E+01 9.9E-02 1.8E-05 3	6.7E-04 4.3E-02 15 76
00:59----01:29	2.1E+00 7.7E+00 5.3E-02 0	1.0E-06 3.0E+01 2.2E-02 984	9.1E+01 8.6E-02 1.7E-05 3	3.8E-04 4.0E-02 15 70
01:09----01:39	1.5E+00 6.8E+00 4.2E-02 0	1.0E-06 3.9E+01 2.4E-02 983	7.9E+01 7.4E-02 1.6E-05 4	2.1E-04 3.4E-02 15 59
01:19----01:49	1.4E+00 7.6E+00 4.0E-02 0	1.0E-06 4.3E+01 2.4E-02 983	5.9E+01 6.2E-02 1.7E-05 5	1.1E-04 2.9E-02 15 60
01:29----01:59	1.2E+00 7.3E+00 3.8E-02 0	1.0E-06 4.2E+01 2.2E-02 983	4.7E+01 6.7E-02 1.8E-05 5	5.1E-05 4.0E-02 15 65
01:39----02:09	1.1E+00 8.3E+00 4.0E-02 0	1.0E-06 3.5E+01 2.0E-02 983	6.1E+01 7.7E-02 1.7E-05 4	3.7E-05 4.8E-02 15 74
01:49----02:19	5.9E-01 6.1E+00 4.3E-02 0	1.0E-06 3.2E+01 2.0E-02 983	5.4E+01 8.2E-02 1.7E-05 3	9.9E-05 4.7E-02 15 83
01:59----02:29	2.6E-01 9.2E+00 4.1E-02 0	1.0E-06 2.9E+01 2.3E-02 983	5.5E+01 7.6E-02 1.8E-05 4	8.8E-05 4.1E-02 15 78
02:09----02:39	1.4E-01 8.2E+00 4.3E-02 0	1.0E-06 2.2E+01 2.2E-02 983	5.1E+01 8.3E-02 1.9E-05 4	8.4E-05 5.0E-02 15 75

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
02:19----02:49	1.8E-02 9.1E+00 4.8E-02 0	1.0E-06 1.8E+01 2.2E-02 983	7.1E+01 9.4E-02 1.9E-05 3	9.7E-06 6.2E-02 15 75
02:29----02:59	2.4E-05 7.5E+00 4.9E-02 0	1.0E-06 2.5E+01 2.2E-02 983	8.0E+01 8.9E-02 1.8E-05 1	1.0E-06 5.8E-02 15 62
02:39----03:09	2.4E-05 8.6E+00 4.6E-02 0	1.0E-06 2.2E+01 2.5E-02 984	8.8E+01 7.4E-02 1.7E-05 1	1.0E-06 4.3E-02 16 42
02:49----03:19	2.4E-05 9.0E+00 4.1E-02 0	1.0E-06 2.3E+01 2.5E-02 984	7.8E+01 5.9E-02 1.6E-05 2	1.0E-06 2.9E-02 16 309
02:59----03:29	2.4E-05 8.5E+00 3.5E-02 0	1.0E-06 1.4E+01 2.4E-02 984	6.2E+01 5.3E-02 1.3E-05 3	1.0E-06 2.4E-02 15 303
03:09----03:39	2.4E-05 7.4E+00 3.0E-02 0	1.0E-06 2.8E+01 2.3E-02 984	4.8E+01 4.5E-02 1.6E-05 2	1.0E-06 2.0E-02 15 287
03:19----03:49	2.4E-05 6.2E+00 2.4E-02 0	1.0E-06 2.4E+01 2.2E-02 985	6.4E+01 3.7E-02 2.1E-05 1	1.0E-06 1.8E-02 14 239
03:29----03:59	2.4E-05 6.0E+00 2.7E-02 0	1.0E-06 3.5E+01 2.1E-02 985	8.8E+01 4.2E-02 3.1E-05 1	1.0E-06 2.2E-02 14 184
03:39----04:09	2.4E-05 5.2E+00 2.7E-02 0	1.0E-06 2.0E+01 2.0E-02 985	9.5E+01 4.5E-02 3.2E-05 0	1.0E-06 2.6E-02 14 105
03:49----04:19	2.4E-05 5.9E+00 2.9E-02 0	1.0E-06 2.9E+01 1.9E-02 984	8.3E+01 5.3E-02 2.9E-05 1	1.0E-06 3.5E-02 14 60
03:59----04:29	2.4E-05 6.2E+00 2.7E-02 0	1.0E-06 1.8E+01 1.7E-02 982	7.2E+01 5.2E-02 2.5E-05 3	1.0E-06 3.7E-02 14 71

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
04:09----04:39	2.4E-05 6.9E+00 3.6E-02 0	1.0E-06 3.4E+01 1.4E-02 980	9.8E+01 7.3E-02 2.5E-05 5	1.0E-06 5.0E-02 14 85
04:19----04:49	2.4E-05 8.1E+00 3.4E-02 0	1.0E-06 3.9E+01 1.4E-02 979	1.0E+02 7.0E-02 2.9E-05 6	1.0E-06 4.2E-02 14 91
04:29----04:59	2.4E-05 7.7E+00 3.4E-02 0	3.0E-04 4.1E+01 1.6E-02 978	1.0E+02 6.8E-02 3.1E-05 6	1.0E-06 4.1E-02 14 114
04:39----05:09	2.4E-05 9.4E+00 2.5E-02 0	6.0E-04 3.6E+01 2.0E-02 978	6.2E+01 4.7E-02 3.2E-05 6	1.0E-06 2.6E-02 15 144
04:49----05:19	2.4E-05 9.0E+00 2.7E-02 0	6.2E-04 2.8E+01 2.3E-02 979	3.8E+01 4.5E-02 2.7E-05 6	1.0E-06 1.8E-02 15 156
04:59----05:29	2.4E-05 8.2E+00 2.8E-02 0	4.2E-04 3.7E+01 2.3E-02 980	3.2E+01 4.8E-02 2.7E-05 3	1.0E-06 2.1E-02 15 175
05:09----05:39	2.4E-05 7.5E+00 3.7E-02 0	2.0E-04 4.8E+01 2.2E-02 980	4.7E+01 5.1E-02 2.8E-05 1	1.0E-06 2.0E-02 15 216
05:19----05:49	2.4E-05 6.8E+00 4.3E-02 0	1.9E-04 4.0E+01 2.1E-02 980	7.4E+01 5.4E-02 2.7E-05 1	1.0E-06 2.4E-02 15 243
05:29----05:59	2.4E-05 6.2E+00 4.0E-02 0	9.8E-05 3.7E+01 2.0E-02 980	6.8E+01 5.0E-02 2.2E-05 0	1.0E-06 2.2E-02 15 148
05:39----06:09	2.4E-05 6.2E+00 3.5E-02 0	6.9E-06 2.5E+01 1.7E-02 980	7.3E+01 5.7E-02 2.7E-05 0	1.0E-06 3.2E-02 16 63
05:49----06:19	2.4E-05 7.3E+00 3.5E-02 0	7.5E-06 3.1E+01 1.2E-02 980	4.8E+01 7.6E-02 3.2E-05 1	1.0E-06 5.2E-02 16 36

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTI
05:59----06:29	2.4E-05 9.1E+00 4.0E-02 0	2.7E-05 2.3E+01 8.7E-03 980	6.4E+01 8.0E-02 3.4E-05 2	1.0E-06 5.2E-02 16 29
06:09----06:39	2.4E-05 1.0E+01 4.0E-02 0	1.1E-04 3.0E+01 9.4E-03 980	5.0E+01 9.0E-02 3.2E-05 2	1.0E-06 6.5E-02 16 27
06:19----06:49	2.4E-05 9.8E+00 3.4E-02 0	1.0E-04 2.8E+01 1.3E-02 980	5.8E+01 7.6E-02 3.8E-05 1	1.0E-06 5.3E-02 15 29
06:29----06:59	2.4E-05 7.2E+00 4.4E-02 0	1.3E-04 3.9E+01 1.4E-02 980	6.1E+01 8.2E-02 5.8E-05 1	1.0E-06 6.1E-02 16 38
06:39----07:09	2.4E-05 3.7E+00 4.9E-02 0	4.8E-05 2.9E+01 1.4E-02 980	7.8E+01 7.0E-02 1.0E-04 0	1.0E-06 3.9E-02 16 73
06:49----07:19	2.4E-05 2.4E+00 7.2E-02 0	6.4E-05 3.6E+01 1.2E-02 980	8.8E+01 9.0E-02 2.1E-04 0	1.0E-06 4.0E-02 16 78
06:59----07:29	2.4E-05 4.2E+00 7.2E-02 0	1.7E-05 2.5E+01 1.1E-02 980	7.2E+01 9.2E-02 3.9E-04 1	1.0E-06 3.5E-02 16 65
07:09----07:39	2.4E-05 6.7E+00 7.9E-02 0	1.7E-05 2.4E+01 9.1E-03 980	7.0E+01 1.1E-01 6.7E-04 1	1.0E-06 3.9E-02 16 67
07:19----07:49	2.4E-05 9.7E+00 6.0E-02 0	1.0E-06 2.0E+01 8.4E-03 980	5.9E+01 8.8E-02 9.4E-04 1	1.0E-06 4.0E-02 16 61
07:29----07:59	2.4E-05 9.2E+00 5.4E-02 0	1.0E-06 1.9E+01 7.1E-03 979	8.5E+01 8.8E-02 1.4E-03 1	1.0E-06 4.1E-02 16 67
07:39----08:09	2.4E-05 1.0E+01 4.7E-02 0	1.0E-06 2.8E+01 6.4E-03 979	7.4E+01 8.0E-02 2.4E-03 2	1.0E-06 4.4E-02 16 63

THUNDER BAY #32, CONT'D

PAGE 6

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
07:49----08:19	2.4E-05 8.9E+00 4.5E-02 0	1.0E-06 2.7E+01 5.6E-03 979	7.6E+01 8.3E-02 4.0E-03 1	1.0E-06 4.4E-02 16 54
07:59----08:29	2.4E-05 1.1E+01 4.5E-02 0	1.0E-06 3.9E+01 5.4E-03 979	4.8E+01 8.3E-02 5.1E-03 1	1.0E-06 4.6E-02 16 38
08:09----08:39	2.4E-05 9.9E+00 5.7E-02 0	1.0E-06 3.8E+01 5.7E-03 979	8.7E+01 1.1E-01 6.3E-03 1	1.0E-06 6.2E-02 16 46
08:19----08:49	2.4E-05 8.9E+00 8.2E-02 0	1.0E-06 4.6E+01 5.4E-03 979	9.2E+01 1.7E-01 6.6E-03 1	1.0E-06 7.9E-02 17 59

STATISTICS

NUMBER OF READINGS 304

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.12E+01	1.24E+00	2.27E+00	1.33E-04	1.11E-03
H2S	1.00E-06	2.12E-03	4.93E-05	2.31E-04	1.70E-06	5.37E-06
THC	1.00E-06	1.93E+02	7.24E+01	6.79E+01	1.84E-01	5.78E+03
SO2	1.00E-06	2.49E-03	1.76E-04	3.92E-04	5.11E-06	1.57E-01
THC-CH4	1.00E-06	4.75E+01	8.59E+00	6.79E+00	8.59E-01	2.53E-02
CH4	1.00E-06	2.18E+02	3.26E+01	3.65E+01	3.69E-02	5.46E+03
NOX	2.73E-02	6.44E-01	8.97E-02	5.98E-02	7.70E-02	1.71E+00
NO2	1.00E-06	3.79E-01	4.90E-02	4.90E-02	1.64E-02	2.03E-01
NO	1.57E-02	2.88E-01	5.12E-02	3.73E-02	4.30E-02	1.74E-00
OZONE	1.33E-03	2.97E-02	1.58E-02	7.26E-03	1.37E-02	1.78E+00
SOLAR RAD	1.00E-06	1.16E-02	7.17E-04	1.98E-03	4.80E-05	7.49E+00
TEMP	14	17	15	1		
HUMIDITY	0	0	0	0	0	0
BAROMETER	977	986	982	2	982	1
WIND SPEED	0	21	3	3	0	20

MAXIMUM
AVERAGE

CO	8.18E+00
H2S	6.22E-04
THC	1.04E+02
SO2	1.03E-03
THC-CH4	2.08E+01
CH4	6.58E+01
NOX	1.73E-01
NO2	1.20E-01
NO	8.16E-02
OZONE	2.46E-02
SOLAR RAD	6.61E-03
TEMP	17
HUMIDITY	0
BAROMETER	985
WIND SPEED	6
WIND DIRECTION	309

THUNDER BAY #33

DATE: AUG 18 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: GRAVEL PIT RD. (X3070-Y5760): 1.6KM @ 080 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
21:31----22:01	5.3E+00 2.9E+00 8.6E-02 103	4.4E-03 1.4E-01 1.3E-02 985	5.1E+00 1.3E-01 3.5E-06 5	1.0E-06 5.4E-02 19 277
21:46----22:16	5.7E+00 4.5E+00 1.1E-01 108	2.4E-03 2.2E-01 1.5E-02 985	7.4E+00 1.4E-01 3.5E-06 6	1.0E-06 3.2E-02 18 260
22:01----22:31	2.7E+00 2.9E+00 1.3E-01 109	1.5E-03 1.5E-01 1.5E-02 985	5.0E+00 1.5E-01 1.6E-06 6	1.0E-06 4.5E-02 18 280
22:16----22:46	5.0E-01 1.8E+00 1.0E-01 110	1.8E-03 9.0E-02 1.5E-02 986	2.5E+00 1.3E-01 1.6E-06 8	1.0E-06 4.4E-02 17 289
22:31----23:01	2.0E+00 1.9E+00 9.6E-02 115	3.6E-03 1.1E-01 1.2E-02 986	2.6E+00 1.5E-01 1.0E-06 8	1.0E-06 7.8E-02 17 284
22:46----23:16	3.0E+00 1.0E+00 1.1E-01 119	4.3E-03 9.2E-02 1.2E-02 986	1.9E+00 1.5E-01 1.6E-06 6	1.0E-06 6.7E-02 17 281
23:01----23:31	5.5E+00 2.3E+00 1.0E-01 119	2.6E-03 1.4E-01 1.4E-02 986	3.7E+00 1.2E-01 8.1E-06 4	1.0E-06 2.6E-02 17 286
23:16----23:46	4.8E+00 3.2E+00 8.2E-02 120	1.1E-03 1.7E-01 1.4E-02 986	4.4E+00 1.3E-01 1.6E-05 4	1.0E-06 4.2E-02 17 287
23:31----00:01	5.5E+00 1.8E+00 1.0E-01 120	5.5E-04 1.2E-01 1.5E-02 986	2.4E+00 1.5E-01 9.5E-06 4	1.0E-06 7.5E-02 17 273
23:46----00:16	6.0E+00 1.3E+00 8.5E-02 124	2.4E-04 1.1E-01 1.6E-02 986	1.7E+00 1.1E-01 1.0E-06 4	1.0E-06 5.5E-02 16 271

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
00:01----00:31	1.8E+00 2.6E+00 5.3E-02 129	3.3E-05 1.8E-01 1.7E-02 986	2.5E+00 8.4E-02 1.0E-06 3	1.0E-06 4.4E-02 16 289
00:16----00:46	3.2E+00 2.3E+00 5.4E-02 128	1.0E-06 1.6E-01 1.7E-02 986	2.2E+00 8.6E-02 3.5E-06 4	1.0E-06 4.5E-02 16 281
00:31----01:01	2.6E+00 7.3E-01 4.2E-02 127	1.0E-06 8.3E-02 1.9E-02 986	1.1E+00 5.9E-02 5.4E-06 7	1.0E-06 2.3E-02 16 279
00:46----01:16	1.3E+00 5.1E-01 3.4E-02 130	1.0E-06 8.8E-02 1.8E-02 986	1.6E+00 5.3E-02 2.9E-06 8	1.0E-06 2.1E-02 15 286
01:01----01:31	1.2E+01 9.5E-01 3.5E-02 133	1.0E-06 1.1E-01 1.7E-02 986	2.3E+00 6.0E-02 1.0E-06 5	1.0E-06 2.7E-02 15 286
01:16----01:46	1.1E+01 5.6E-01 3.6E-02 134	1.0E-06 8.7E-02 1.8E-02 986	1.1E+00 6.6E-02 1.0E-06 4	1.0E-06 3.4E-02 15 267
01:31----02:01	1.6E+00 4.0E-01 4.3E-02 136	1.0E-06 9.1E-02 1.8E-02 986	1.3E+00 9.0E-02 2.3E-06 4	1.0E-06 5.3E-02 15 248
01:46----02:16	1.5E+00 6.6E-01 5.2E-02 133	1.0E-06 1.1E-01 1.8E-02 986	1.5E+00 9.1E-02 2.9E-06 3	1.0E-06 4.5E-02 15 230
02:01----02:31	4.3E-01 6.2E-01 4.3E-02 130	1.0E-06 1.0E-01 1.8E-02 987	1.3E+00 6.4E-02 1.6E-06 3	1.0E-06 2.0E-02 15 245
02:16----02:46	9.2E-01 1.1E+00 3.0E-02 136	1.0E-06 8.9E-02 1.7E-02 986	4.6E+00 5.5E-02 1.0E-06 4	1.0E-06 2.5E-02 15 270
02:31----03:01	9.5E-01 1.2E+00 3.2E-02 144	1.0E-06 1.0E-01 1.5E-02 986	5.0E+00 5.6E-02 1.0E-06 4	1.0E-06 2.2E-02 14 288

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
02:46----03:16	4.2E+00 1.2E+00 4.8E-02 148	2.0E-06 1.2E-01 1.5E-02 987	2.1E+00 7.1E-02 1.0E-06 5	1.0E-06 1.9E-02 14 271
03:01----03:31	7.1E+00 1.7E+00 5.4E-02 152	2.0E-06 1.6E-01 1.4E-02 987	2.6E+00 8.2E-02 1.0E-06 4	1.0E-06 2.5E-02 14 272
03:16----03:46	7.1E+00 1.8E+00 5.1E-02 159	1.0E-06 1.7E-01 1.3E-02 987	3.0E+00 8.3E-02 1.0E-06 2	1.0E-06 4.0E-02 14 292
03:31----04:01	3.8E+00 1.4E+00 5.5E-02 168	1.0E-06 1.5E-01 1.2E-02 987	3.4E+00 9.2E-02 1.6E-06 2	1.0E-06 5.2E-02 13 275
03:46----04:16	3.0E+00 1.8E+00 6.2E-02 175	1.0E-06 1.7E-01 1.0E-02 987	2.9E+00 8.0E-02 4.1E-06 1	1.0E-06 3.4E-02 13 285
04:01----04:31	3.0E+00 2.3E+00 6.5E-02 176	1.0E-06 2.0E-01 1.1E-02 987	2.0E+00 6.1E-02 3.5E-06 3	1.0E-06 1.6E-02 13 298
04:16----04:46	5.1E-05 1.8E+00 6.1E-02 179	1.0E-06 1.8E-01 1.2E-02 987	3.3E+00 5.9E-02 2.8E-06 4	1.0E-06 1.7E-02 13 295
04:31----05:01	5.1E-05 9.2E-01 6.0E-02 179	1.0E-06 1.2E-01 1.2E-02 987	2.8E+00 5.4E-02 5.3E-06 4	1.0E-06 8.2E-03 13 291
04:46----05:16	1.7E+00 2.1E+00 6.2E-02 173	1.0E-06 1.9E-01 7.6E-03 987	2.8E+00 7.0E-02 4.7E-06 4	1.0E-06 1.9E-02 13 280
05:01----05:31	1.7E+00 2.2E+00 6.6E-02 168	1.0E-06 2.1E-01 4.7E-03 987	2.5E+00 7.9E-02 2.2E-06 4	1.0E-06 2.6E-02 13 271
05:16----05:46	5.1E-01 7.2E-01 5.6E-02 169	1.0E-06 1.3E-01 6.5E-03 987	2.1E+00 7.3E-02 1.0E-06 5	1.0E-06 2.9E-02 13 285

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 N02 TEMP WIND DIRECTI
05:31----06:01	5.1E-01 2.4E+00 3.9E-02 173	1.0E-06 2.1E-01 6.4E-03 987	2.4E+00 7.2E-02 1.6E-06 7	1.0E-06 4.3E-02 13 287
05:46----06:16	8.1E+00 2.8E+00 3.8E-02 179	8.4E-05 2.6E-01 5.1E-03 987	3.5E+00 7.1E-02 1.6E-06 5	1.0E-06 3.8E-02 13 288
06:01----06:31	8.1E+00 1.9E+00 4.7E-02 184	4.3E-04 2.8E-01 4.3E-03 987	4.0E+00 8.7E-02 2.9E-06 4	1.0E-06 4.1E-02 13 277
06:16----06:46	1.4E+00 1.4E+00 4.8E-02 179	3.7E-04 2.2E-01 4.2E-03 987	1.9E+00 8.6E-02 2.2E-05 6	1.0E-06 4.4E-02 13 269
06:31----07:01	1.5E+00 3.9E-01 3.6E-02 168	2.6E-05 1.3E-01 7.0E-03 988	9.8E-01 6.3E-02 7.2E-05 8	1.0E-06 3.6E-02 13 287
06:46----07:16	1.6E-01 1.7E+00 2.7E-02 163	1.0E-06 2.0E-01 9.1E-03 988	2.0E+00 5.3E-02 4.8E-04 8	1.0E-06 3.2E-02 13 299
07:01----07:31	4.1E+00 1.7E+00 3.2E-02 160	1.0E-06 2.0E-01 8.5E-03 988	1.7E+00 5.2E-02 9.6E-04 8	1.0E-06 3.0E-02 13 289
07:16----07:46	4.8E+00 1.1E+00 4.2E-02 157	1.0E-06 1.6E-01 6.8E-03 988	2.2E+00 7.5E-02 1.3E-03 9	1.0E-06 5.0E-02 14 273
07:31----08:01	1.8E+00 1.6E+00 5.3E-02 156	3.0E-06 1.9E-01 5.3E-03 988	3.5E+00 8.3E-02 1.8E-03 7	1.0E-06 5.2E-02 14 257
07:46----08:16	1.4E+00 2.0E+00 5.5E-02 155	3.5E-04 2.3E-01 5.4E-03 988	3.5E+00 7.2E-02 2.3E-03 5	1.0E-06 2.3E-02 14 276
08:01----08:31	2.7E+00 1.6E+00 4.1E-02 149	1.3E-03 2.2E-01 6.7E-03 988	2.4E+00 7.7E-02 3.4E-03 6	1.0E-06 2.7E-02 14 282

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
08:16----08:46	7.4E+00 1.8E+00 4.2E-02 143	2.0E-03 2.0E-01 7.8E-03 989	3.5E+00 7.5E-02 5.1E-03 6	1.0E-06 4.0E-02 14 268
08:31----09:01	1.2E+01 3.1E+00 5.6E-02 141	1.4E-03 2.4E-01 8.6E-03 989	3.5E+00 7.4E-02 6.2E-03 6	1.0E-06 3.5E-02 14 274
08:46----09:16	7.1E+00 1.8E+00 6.4E-02 141	7.5E-04 1.9E-01 9.5E-03 989	7.8E-01 8.5E-02 7.4E-03 6	1.0E-06 3.6E-02 14 281
09:01----09:31	4.3E-01 1.7E+00 5.8E-02 140	7.2E-04 2.1E-01 9.9E-03 989	1.7E+00 7.4E-02 9.3E-03 4	1.0E-06 3.3E-02 15 275
09:16----09:46	9.3E-01 2.0E+00 4.7E-02 135	1.2E-03 2.4E-01 1.0E-02 989	2.2E+00 7.8E-02 1.1E-02 4	1.0E-06 3.0E-02 15 277

STATISTICS

NUMBER OF READINGS 296

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEVI.
CO	1.00E-06	9.87E+01	3.54E+00	1.08E+01	6.50E-05	1.06E+03
H2S	1.00E-06	7.81E-03	7.08E-04	1.36E-03	1.56E-05	3.32E+01
THC	6.65E-02	3.00E+01	2.71E+00	4.57E+00	1.03E+00	3.85E+00
SO2	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+00
THC-CH4	3.83E-03	1.47E+01	1.70E+00	3.00E+00	5.68E-01	4.36E+00
CH4	1.00E-06	1.00E+00	1.60E-01	1.47E-01	1.16E-01	2.77E+00
NOX	2.88E-02	3.12E-01	8.56E-02	5.30E-02	7.46E-02	1.65E+00
NO2	1.00E-06	3.01E-01	3.71E-02	4.63E-02	2.61E-03	9.18E+01
NO	1.52E-02	2.95E-01	5.88E-02	4.61E-02	4.73E-02	1.87E+00
OZONE	2.32E-03	2.14E-02	1.18E-02	4.91E-03	1.06E-02	1.64E+00
SOLAR RAD	1.00E-06	1.38E-02	1.22E-03	2.93E-03	1.06E-05	3.01E+01
TEMP	13	19	15	2		
HUMIDITY	95	186	145	23	143	
BAROMETER	985	989	987	1	987	
WIND SPEED	0	20	6	4	3	

MAXIMUM
AVERAGE

CO	1.22E+01
H2S	4.36E-03
THC	7.37E+00
SO2	1.00E-06
THC-CH4	4.53E+00
CH4	2.78E-01
NOX	1.51E-01
NO2	7.78E-02
NO	1.26E-01
OZONE	1.90E-02
SOLAR RAD	1.13E-02
TEMP	19
HUMIDITY	184
BAROMETER	989
WIND SPEED	9
WIND DIRECTION	299

THUNDER BAY #34

DATE: AUG 19 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: D.N.D. RIFLE RANGE (X3035-Y5730); 1.1KM @ 090 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTI
17:16----17:46	2.8E+01 1.5E+00 2.2E-02 28	1.1E-02 1.3E+00 3.5E-02 993	3.0E+00 3.1E-02 5.0E-02 10	2.0E-03 2.2E-02 23 254
17:26----17:56	2.9E+01 1.5E+00 1.3E-02 30	9.7E-03 1.2E+00 3.4E-02 993	3.0E+00 3.2E-02 4.8E-02 10	9.3E-04 2.3E-02 23 263
17:36----18:06	2.8E+01 1.7E+00 2.2E-02 29	1.1E-02 1.2E+00 3.5E-02 993	3.1E+00 3.4E-02 4.7E-02 8	2.4E-03 2.3E-02 23 269
17:46----18:16	2.8E+01 1.8E+00 2.2E-02 27	1.2E-02 1.2E+00 3.8E-02 993	3.2E+00 3.9E-02 4.4E-02 6	2.7E-03 2.6E-02 23 277
17:56----18:26	2.8E+01 1.7E+00 2.0E-02 26	1.1E-02 1.2E+00 3.9E-02 993	3.2E+00 3.7E-02 4.2E-02 5	1.9E-03 2.4E-02 23 267
18:06----18:36	2.8E+01 1.7E+00 8.6E-03 25	9.8E-03 1.2E+00 4.0E-02 993	3.1E+00 3.2E-02 3.9E-02 5	2.6E-04 2.1E-02 23 264
18:16----18:46	2.8E+01 1.6E+00 1.4E-02 24	8.1E-03 1.2E+00 3.9E-02 994	2.9E+00 4.4E-02 3.6E-02 3	6.5E-05 2.9E-02 23 251
18:26----18:56	2.8E+01 1.6E+00 1.5E-02 25	7.7E-03 1.1E+00 3.8E-02 994	3.0E+00 4.3E-02 3.4E-02 6	6.5E-05 2.9E-02 23 244
18:36----19:06	2.9E+01 1.7E+00 1.9E-02 27	7.9E-03 1.1E+00 3.8E-02 994	3.1E+00 4.3E-02 3.1E-02 6	8.8E-05 3.2E-02 23 238
18:46----19:16	2.9E+01 1.7E+00 2.6E-02 28	8.7E-03 1.1E+00 3.7E-02 994	3.2E+00 4.9E-02 3.0E-02 7	5.6E-04 3.4E-02 22 238

THUNDER BAY #34, CONT'D

PAGE 2

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
18:56----19:26	2.9E+01 1.9E+00 3.7E-02 28	1.1E-02 1.1E+00 3.5E-02 994	3.6E+00 5.4E-02 2.7E-02 4	8.3E-04 3.6E-02 22 237
19:06----19:36	3.1E+01 2.6E+00 4.4E-02 29	1.2E-02 1.2E+00 3.3E-02 994	4.4E+00 6.4E-02 2.5E-02 4	1.2E-03 4.3E-02 22 243
19:16----19:46	3.0E+01 2.6E+00 3.4E-02 31	1.1E-02 1.2E+00 3.0E-02 994	4.3E+00 4.4E-02 2.3E-02 5	1.7E-03 2.7E-02 22 253
19:26----19:56	3.0E+01 2.5E+00 2.9E-02 32	8.6E-03 1.2E+00 3.0E-02 994	4.0E+00 5.6E-02 2.1E-02 6	2.0E-03 3.6E-02 22 254
19:36----20:06	2.8E+01 1.7E+00 1.9E-02 33	6.3E-03 1.2E+00 3.0E-02 994	3.1E+00 5.0E-02 1.7E-02 7	1.9E-03 3.1E-02 21 251
19:46----20:16	2.8E+01 1.7E+00 1.8E-02 33	5.1E-03 1.1E+00 3.2E-02 994	3.0E+00 4.7E-02 1.2E-02 8	1.1E-03 3.1E-02 21 240
19:56----20:26	2.8E+01 1.6E+00 9.9E-03 35	4.3E-03 1.1E+00 3.1E-02 995	2.9E+00 3.1E-02 7.3E-03 8	8.4E-04 2.2E-02 20 239
20:06----20:36	2.8E+01 1.8E+00 1.1E-02 39	3.9E-03 1.1E+00 2.8E-02 995	3.2E+00 3.4E-02 3.8E-03 8	1.2E-03 2.5E-02 19 233
20:16----20:46	2.8E+01 1.9E+00 1.0E-02 41	3.5E-03 1.1E+00 2.4E-02 995	3.5E+00 4.2E-02 2.1E-03 6	1.6E-03 3.6E-02 19 226
20:26----20:56	2.9E+01 2.0E+00 1.3E-02 44	3.7E-03 1.1E+00 2.2E-02 995	3.6E+00 4.3E-02 1.4E-03 5	2.4E-03 3.8E-02 18 202
20:36----21:06	2.9E+01 1.8E+00 1.8E-02 43	5.0E-03 1.1E+00 2.4E-02 995	3.4E+00 4.7E-02 1.0E-03 5	2.7E-03 4.1E-02 18 187

THUNDER BAY #34, CONT'D

PAGE 3

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
20:46----21:16	2.9E+01 1.8E+00 1.8E-02 43	7.1E-03 1.1E+00 2.7E-02 995	3.3E+00 4.0E-02 6.1E-04 6	2.9E-03 3.3E-02 18 182
20:56----21:26	2.9E+01 1.9E+00 1.5E-02 42	8.9E-03 1.1E+00 2.8E-02 995	3.3E+00 3.8E-02 2.8E-04 5	2.7E-03 2.8E-02 18 178
21:06----21:36	2.9E+01 1.9E+00 7.5E-03 46	9.3E-03 1.1E+00 2.7E-02 995	3.3E+00 3.0E-02 1.0E-04 5	2.7E-03 2.5E-02 18 183
21:16----21:46	2.9E+01 1.8E+00 7.1E-03 46	8.6E-03 1.1E+00 2.4E-02 995	3.2E+00 3.4E-02 2.6E-05 4	2.9E-03 2.9E-02 17 181

STATISTICS

NUMBER OF READINGS 109

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	2.34E+01	5.40E+01	2.87E+01	3.08E+00	2.86E+01	1.09E+00
H2S	2.48E-03	1.74E-02	8.34E-03	3.35E-03	7.62E-03	1.56E+00
THC	2.79E+00	1.31E+01	3.30E+00	1.10E+00	3.22E+00	1.21E+00
SO2	1.00E-06	1.17E-02	1.74E-03	2.05E-03	1.63E-04	3.71E-01
THC-CH4	1.43E+00	1.08E+01	1.81E+00	9.24E-01	1.74E+00	1.25E+00
CH4	1.07E+00	1.60E+00	1.17E+00	9.31E-02	1.17E+00	1.07E+00
NOX	1.95E-02	3.22E-01	4.10E-02	3.70E-02	3.49E-02	1.60E+00
NO2	1.00E-06	2.04E-01	2.96E-02	3.00E-02	8.87E-03	2.59E-01
NO	3.89E-03	1.43E-01	1.88E-02	2.77E-02	1.17E-02	2.26E+00
OZONE	1.34E-02	4.25E-02	3.17E-02	6.82E-03	3.09E-02	1.27E+00
SOLAR RAD	1.00E-06	5.62E-02	2.18E-02	1.87E-02	4.84E-03	2.13E-01
TEMP	17	24	21	2		
HUMIDITY	21	70	34	9	33	1
BAROMETER	993	996	994	1	994	1
WIND SPEED	0	21	7	4	5	

MAXIMUM
AVERAGE

CO	3.07E+01
H2S	1.19E-02
THC	4.37E+00
SO2	2.93E-03
THC-CH4	2.60E+00
CH4	1.33E+00
NOX	6.41E-02
NO2	4.29E-02
NO	4.44E-02
OZONE	4.00E-02
SOLAR RAD	5.02E-02
TEMP	23
HUMIDITY	46
BAROMETER	995
WIND SPEED	10
WIND DIRECTION	277

THUNDER BAY #35

DATE: AUG 19 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: D.N.D. RIFLE RANGE (X3035-Y5730); 1.1KM & 090 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
21:53----22:23	3.0E+01 2.0E+00 1.5E-02 55	3.9E-03 1.1E+00 3.2E-02 996	3.2E+00 2.1E-02 1.0E-06 6	2.0E-03 1.3E-02 17 226
22:08----22:38	3.0E+01 1.5E+00 1.9E-02 65	3.0E-03 1.1E+00 3.1E-02 996	3.1E+00 1.8E-02 1.0E-06 6	1.5E-03 8.8E-03 16 230
22:23----22:53	3.1E+01 1.6E+00 2.7E-02 80	2.7E-03 1.1E+00 2.5E-02 996	3.2E+00 4.0E-02 1.0E-06 4	1.7E-03 1.5E-02 15 224
22:38----23:08	3.2E+01 1.6E+00 3.0E-02 97	2.4E-03 1.1E+00 2.1E-02 996	3.1E+00 4.6E-02 1.6E-06 4	1.6E-03 1.5E-02 14 216
22:53----23:23	3.0E+01 1.5E+00 1.3E-02 93	1.7E-03 1.1E+00 2.6E-02 997	2.8E+00 2.2E-02 9.6E-06 7	7.0E-04 8.8E-03 14 227
23:08----23:38	2.9E+01 1.4E+00 7.7E-03 91	1.6E-03 1.2E+00 2.5E-02 997	2.8E+00 2.0E-02 1.1E-05 7	5.4E-04 1.4E-02 15 235
23:23----23:53	2.9E+01 1.4E+00 9.0E-03 106	1.6E-03 1.2E+00 2.0E-02 997	2.8E+00 2.3E-02 2.9E-06 3	3.7E-04 1.6E-02 14 247
23:38----00:08	2.9E+01 1.4E+00 1.3E-02 130	1.5E-03 1.2E+00 1.7E-02 997	2.8E+00 2.7E-02 1.0E-06 4	9.1E-05 1.0E-02 13 249
23:53----00:23	3.0E+01 1.5E+00 1.4E-02 140	1.2E-03 1.2E+00 1.6E-02 997	2.8E+00 2.9E-02 2.3E-06 5	1.2E-05 1.2E-02 12 249
00:08----00:38	3.0E+01 1.5E+00 1.2E-02 147	1.1E-03 1.2E+00 1.4E-02 997	2.8E+00 2.7E-02 2.3E-06 3	1.0E-06 1.8E-02 12 250

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
00:23----00:53	3.1E+01 1.9E+00 1.6E-02 159	1.0E-03 1.2E+00 1.1E-02 997	3.2E+00 3.7E-02 1.0E-06 2	7.5E-05 2.2E-02 11 266
00:38----01:08	3.1E+01 2.4E+00 2.1E-02 162	8.3E-04 1.3E+00 1.2E-02 998	3.7E+00 3.4E-02 1.0E-06 4	7.5E-05 1.7E-02 11 264
00:53----01:23	2.9E+01 2.2E+00 1.7E-02 159	7.5E-04 1.3E+00 1.4E-02 998	3.5E+00 2.7E-02 3.4E-06 3	7.3E-06 1.4E-02 11 259
01:08----01:38	3.0E+01 1.8E+00 2.5E-02 157	7.9E-04 1.2E+00 1.5E-02 998	3.0E+00 2.7E-02 3.4E-06 2	7.3E-06 1.6E-02 11 260
01:23----01:53	3.0E+01 1.6E+00 2.8E-02 165	7.5E-04 1.2E+00 1.2E-02 998	3.1E+00 3.6E-02 1.0E-06 2	1.9E-05 2.4E-02 10 257
01:38----02:08	3.2E+01 2.2E+00 1.9E-02 172	6.6E-04 1.3E+00 8.3E-03 998	3.7E+00 4.0E-02 1.0E-06 2	1.9E-05 2.1E-02 10 260
01:53----02:23	3.1E+01 2.1E+00 1.7E-02 173	6.0E-04 1.3E+00 9.3E-03 998	3.5E+00 2.7E-02 2.8E-06 1	1.0E-06 9.4E-03 10 271
02:08----02:38	2.8E+01 1.6E+00 1.4E-02 172	5.5E-04 1.2E+00 1.1E-02 998	3.2E+00 2.3E-02 4.7E-06 1	1.0E-06 9.7E-03 10 274
02:23----02:53	2.4E+01 1.6E+00 1.5E-02 175	5.8E-04 1.2E+00 1.1E-02 998	3.5E+00 3.0E-02 6.6E-06 2	1.0E-06 1.6E-02 10 271
02:38----03:08	2.2E+01 1.8E+00 1.8E-02 177	6.5E-04 1.3E+00 1.2E-02 998	4.5E+00 3.6E-02 9.1E-06 2	1.0E-06 2.2E-02 10 263
02:53----03:23	2.2E+01 2.5E+00 1.5E-02 175	5.9E-04 1.3E+00 1.2E-02 998	4.5E+00 3.1E-02 7.2E-06 3	1.0E-06 1.8E-02 10 259

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTI
03:08----03:38	2.2E+01 2.7E+00 2.3E-02 171	6.2E-04 1.3E+00 1.1E-02 998	3.6E+00 3.0E-02 5.3E-06 4	9.3E-05 1.6E-02 10 255
03:23----03:53	2.3E+01 2.0E+00 4.0E-02 168	6.9E-04 1.3E+00 1.0E-02 998	3.4E+00 4.0E-02 3.4E-06 4	2.0E-04 1.7E-02 10 260
03:38----04:08	2.5E+01 2.0E+00 3.8E-02 171	6.8E-04 1.3E+00 9.2E-03 998	3.8E+00 4.3E-02 1.0E-06 2	2.6E-04 1.6E-02 10 268
03:53----04:23	2.4E+01 3.8E+00 5.2E-02 176	6.8E-04 1.4E+00 6.3E-03 998	4.6E+00 7.6E-02 1.6E-06 1	5.8E-04 1.7E-02 10 263
04:08----04:38	2.4E+01 3.5E+00 4.9E-02 180	6.4E-04 1.4E+00 4.1E-03 998	3.8E+00 7.0E-02 3.4E-06 0	4.6E-04 2.0E-02 9 132
04:23----04:53	2.3E+01 2.1E+00 3.8E-02 184	5.2E-04 1.3E+00 3.2E-03 998	3.1E+00 5.2E-02 5.9E-06 0	1.2E-04 3.5E-02 9 241
04:38----05:08	2.2E+01 2.0E+00 4.0E-02 187	4.8E-04 1.3E+00 3.6E-03 998	3.0E+00 5.7E-02 5.9E-06 0	2.4E-04 3.0E-02 9 248
04:53----05:23	2.2E+01 1.6E+00 2.0E-02 190	5.3E-04 1.3E+00 4.5E-03 998	3.1E+00 3.3E-02 7.2E-06 1	6.8E-04 1.1E-02 9 249
05:08----05:38	2.2E+01 1.6E+00 1.8E-02 192	4.7E-04 1.3E+00 4.0E-03 999	3.0E+00 2.7E-02 9.7E-06 0	1.7E-03 1.1E-02 9 264
05:23----05:53	3.0E+01 3.5E+00 2.0E-02 191	4.5E-04 1.4E+00 2.5E-03 999	5.9E+00 4.5E-02 6.0E-06 0	1.6E-03 2.4E-02 9 98
05:38----06:08	3.4E+01 4.7E+00 5.2E-02 189	4.5E-04 1.4E+00 2.1E-03 999	7.7E+00 5.9E-02 2.9E-06 0	1.1E-03 2.5E-02 8 97

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTI
05:53----06:23	2.8E+01 3.0E+00 6.1E-02 191	4.2E-04 1.3E+00 3.1E-03 999	5.5E+00 6.7E-02 8.0E-06 1	1.1E-03 2.6E-02 8 246
06:08----06:38	2.4E+01 1.8E+00 3.6E-02 193	4.1E-04 1.3E+00 3.1E-03 999	3.8E+00 6.6E-02 1.7E-05 1	6.0E-04 3.2E-02 8 247
06:23----06:53	2.3E+01 1.7E+00 3.0E-02 193	4.8E-04 1.3E+00 2.3E-03 999	3.3E+00 4.8E-02 7.0E-05 0	3.1E-04 2.7E-02 8 252
06:38----07:08	2.5E+01 3.1E+00 3.1E-02 192	5.1E-04 1.3E+00 1.9E-03 999	5.2E+00 4.1E-02 2.7E-04 0	3.5E-04 2.1E-02 8 103
06:53----07:23	2.7E+01 3.2E+00 2.7E-02 192	4.9E-04 1.4E+00 2.2E-03 999	5.2E+00 3.8E-02 7.0E-04 1	2.5E-04 1.8E-02 8 251
07:08----07:38	2.5E+01 1.7E+00 1.6E-02 195	5.9E-04 1.3E+00 2.8E-03 999	3.3E+00 3.1E-02 1.3E-03 1	2.4E-05 1.9E-02 8 254
07:23----07:53	2.3E+01 1.5E+00 1.5E-02 197	6.6E-04 1.3E+00 2.9E-03 999	3.0E+00 2.6E-02 2.0E-03 1	1.0E-06 1.3E-02 8 263
07:38----08:08	2.3E+01 1.5E+00 1.5E-02 200	7.6E-04 1.3E+00 3.4E-03 999	2.9E+00 2.8E-02 2.8E-03 1	1.0E-06 1.8E-02 9 260
07:53----08:23	2.3E+01 1.5E+00 2.5E-02 203	9.0E-04 1.3E+00 4.0E-03 999	3.1E+00 4.2E-02 3.7E-03 0	1.2E-04 2.1E-02 9 263
08:08----08:38	2.4E+01 2.6E+00 3.1E-02 197	9.3E-04 1.3E+00 5.4E-03 999	3.6E+00 4.8E-02 4.4E-03 0	1.8E-04 1.5E-02 10 270
08:23----08:53	2.4E+01 2.8E+00 2.7E-02 186	9.7E-04 1.3E+00 7.6E-03 999	4.1E+00 5.2E-02 5.1E-03 0	2.2E-04 2.5E-02 10 108

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
08:38----09:08	2.3E+01 2.7E+00 2.2E-02 176	1.1E-03 1.3E+00 1.0E-02 1000	4.8E+00 5.7E-02 6.0E-03 0	1.1E-03 3.8E-02 11 89

STATISTICS

NUMBER OF READINGS 272

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.78E+01	5.93E+01	2.67E+01	5.85E+00	2.61E+01	1.23E+00
H2S	1.32E-04	6.13E-03	1.02E-03	8.65E-04	7.97E-04	1.97E+00
THC	2.69E+00	2.42E+01	3.73E+00	2.35E+00	3.40E+00	1.43E+00
SO2	1.00E-06	1.25E-02	5.00E-04	1.11E-03	1.50E-05	2.75E+01
THC-CH4	1.34E+00	1.34E+01	2.17E+00	1.83E+00	1.85E+00	1.59E+00
CH4	1.11E+00	1.84E+00	1.26E+00	1.09E-01	1.26E+00	1.08E+00
NOX	1.44E-02	2.95E-01	3.87E-02	3.36E-02	3.15E-02	1.77E+00
NO2	1.00E-06	2.07E-01	1.87E-02	2.42E-02	3.08E-03	4.20E+01
NO	3.26E-03	3.14E-01	2.48E-02	3.20E-02	1.63E-02	2.27E+00
OZONE	8.41E-04	3.57E-02	1.08E-02	8.83E-03	7.58E-03	2.43E+00
SOLAR RAD	1.00E-06	8.57E-03	6.88E-04	1.64E-03	1.05E-05	2.10E+01
TEMP	8	17	11	2		
HUMIDITY	42	207	162	40	154	1
BAROMETER	996	1000	998	1	998	1
WIND SPEED	0	13	2	3	0	948

MAXIMUM
AVERAGE

CO	3.36E+01
H2S	3.89E-03
THC	7.66E+00
SO2	1.99E-03
THC-CH4	4.73E+00
CH4	1.42E+00
NOX	7.55E-02
NO2	3.77E-02
NO	6.10E-02
OZONE	3.18E-02
SOLAR RAD	6.00E-03
TEMP	17
HUMIDITY	203
BAROMETER	1000
WIND SPEED	7
WIND DIRECTION	274

THUNDER BAY #37

DATE: AUG 20 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: M.O.E. LAB (X3040-Y6070); 3.5KM @ 020 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
22:04----22:34	2.5E+01 1.5E+00 1.8E-02 92	2.5E-02 7.8E-01 1.8E-02 995	2.6E+00 5.7E-02 1.7E-06 1	7.8E-03 4.7E-02 19 154
22:19----22:49	2.7E+01 1.9E+00 6.2E-02 105	1.6E-02 8.2E-01 6.3E-03 995	3.2E+00 1.2E-01 1.4E-06 0	6.2E-03 5.9E-02 19 359
22:34----23:04	2.7E+01 2.0E+00 7.9E-02 120	1.1E-02 8.5E-01 3.8E-05 995	3.3E+00 1.4E-01 1.1E-06 1	5.2E-03 6.6E-02 18 15
22:49----23:19	2.6E+01 1.7E+00 6.5E-02 131	7.2E-03 8.7E-01 1.1E-05 995	3.0E+00 1.3E-01 1.5E-06 1	4.1E-03 6.9E-02 17 20
23:04----23:34	2.7E+01 1.7E+00 6.5E-02 143	5.4E-03 8.7E-01 2.3E-05 995	2.9E+00 1.3E-01 2.4E-06 2	3.6E-03 7.4E-02 17 20
23:19----23:49	2.7E+01 1.6E+00 5.9E-02 154	4.3E-03 8.7E-01 6.2E-05 995	2.8E+00 1.3E-01 3.7E-06 2	3.7E-03 7.5E-02 16 24
23:34----00:04	2.7E+01 1.6E+00 4.5E-02 162	3.5E-03 8.7E-01 4.9E-04 995	2.7E+00 1.1E-01 5.7E-06 2	3.8E-03 7.3E-02 16 25
23:49----00:19	2.7E+01 1.6E+00 4.2E-02 166	2.9E-03 8.7E-01 1.0E-03 995	2.7E+00 1.1E-01 6.4E-06 2	3.5E-03 7.1E-02 16 26
00:04----00:34	2.7E+01 1.6E+00 3.6E-02 168	2.5E-03 8.8E-01 2.6E-03 995	2.7E+00 9.7E-02 5.9E-06 2	3.6E-03 6.7E-02 16 27
00:19----00:49	2.7E+01 1.6E+00 2.4E-02 170	2.1E-03 8.8E-01 3.3E-03 995	2.7E+00 8.2E-02 8.0E-06 1	4.0E-03 6.4E-02 16 25

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
00:34----01:04	2.7E+01 1.5E+00 2.0E-02 172	1.8E-03 8.7E-01 4.3E-03 995	2.7E+00 7.3E-02 9.3E-06 0	3.7E-03 5.9E-02 16 25
00:49----01:19	2.7E+01 1.5E+00 1.5E-02 175	1.6E-03 8.7E-01 5.8E-03 995	2.6E+00 6.2E-02 7.9E-06 0	3.6E-03 5.3E-02 16 20
01:04----01:34	2.7E+01 1.4E+00 1.4E-02 176	1.3E-03 8.7E-01 5.9E-03 995	2.5E+00 5.9E-02 9.8E-06 0	4.0E-03 5.1E-02 16 18
01:19----01:49	2.7E+01 1.4E+00 1.9E-02 177	1.1E-03 8.8E-01 3.4E-03 995	2.5E+00 6.5E-02 7.6E-06 0	3.9E-03 5.2E-02 15 17
01:34----02:04	2.7E+01 1.5E+00 2.7E-02 177	8.8E-04 9.0E-01 1.1E-03 995	2.6E+00 7.2E-02 3.5E-06 0	3.5E-03 5.0E-02 15 297
01:49----02:19	2.6E+01 1.4E+00 1.9E-02 179	7.8E-04 8.9E-01 3.9E-03 995	2.5E+00 5.4E-02 5.8E-06 0	3.6E-03 3.9E-02 15 315
02:04----02:34	2.6E+01 1.3E+00 1.5E-02 181	6.9E-04 8.8E-01 4.1E-03 995	2.4E+00 4.3E-02 7.5E-06 0	3.1E-03 3.2E-02 15 317
02:19----02:49	2.6E+01 1.3E+00 2.0E-02 182	6.0E-04 8.9E-01 2.0E-03 995	2.4E+00 4.8E-02 8.6E-06 0	2.9E-03 3.2E-02 15 298
02:34----03:04	2.6E+01 1.3E+00 2.0E-02 184	5.8E-04 8.9E-01 4.0E-03 995	2.5E+00 5.0E-02 1.2E-05 1	3.3E-03 3.4E-02 15 299
02:49----03:19	2.6E+01 1.2E+00 1.4E-02 184	5.1E-04 8.8E-01 9.0E-03 995	2.3E+00 3.8E-02 1.8E-05 2	3.4E-03 2.6E-02 15 301
03:04----03:34	2.6E+01 1.2E+00 6.4E-03 184	4.2E-04 8.8E-01 1.3E-02 995	2.2E+00 2.2E-02 1.7E-05 2	3.0E-03 1.7E-02 15 302

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
03:19----03:49	2.6E+01 1.2E+00 6.5E-03 184	3.0E-04 9.0E-01 1.3E-02 995	2.3E+00 2.0E-02 8.7E-06 1	2.8E-03 1.6E-02 15 304
03:34----04:04	2.6E+01 1.3E+00 6.7E-03 185	2.0E-04 9.3E-01 1.0E-02 995	2.4E+00 2.2E-02 6.1E-06 0	2.9E-03 1.7E-02 15 299
03:49----04:19	2.6E+01 1.3E+00 6.8E-03 185	1.2E-04 9.5E-01 9.0E-03 995	2.5E+00 2.5E-02 7.9E-06 0	2.7E-03 2.1E-02 15 301
04:04----04:34	2.6E+01 1.4E+00 6.6E-03 185	9.8E-05 9.3E-01 1.1E-02 995	2.5E+00 2.3E-02 9.3E-06 0	2.4E-03 1.9E-02 15 303
04:19----04:49	2.6E+01 1.6E+00 6.1E-03 184	9.2E-05 9.2E-01 9.7E-03 995	2.6E+00 2.3E-02 1.0E-05 0	2.5E-03 1.9E-02 15 15
04:34----05:04	2.6E+01 1.6E+00 8.9E-03 183	5.1E-05 9.3E-01 5.1E-03 995	2.7E+00 3.1E-02 1.1E-05 0	2.7E-03 2.6E-02 15 30
04:49----05:19	2.6E+01 1.6E+00 1.7E-02 183	3.7E-05 9.4E-01 2.2E-03 995	2.7E+00 4.2E-02 1.1E-05 0	2.5E-03 2.9E-02 15 24
05:04----05:34	2.6E+01 1.6E+00 2.1E-02 186	2.7E-05 9.4E-01 8.1E-04 995	2.8E+00 5.0E-02 8.9E-06 0	2.5E-03 3.1E-02 15 18
05:19----05:49	2.6E+01 1.5E+00 1.8E-02 186	1.7E-05 9.4E-01 4.9E-04 995	2.7E+00 4.6E-02 9.5E-06 0	2.7E-03 3.2E-02 15 196
05:34----06:04	2.6E+01 1.5E+00 1.4E-02 187	1.1E-05 9.5E-01 6.1E-04 995	2.7E+00 4.0E-02 9.3E-06 0	2.4E-03 2.9E-02 14 134
05:49----06:19	2.5E+01 1.6E+00 1.9E-02 188	2.2E-06 9.8E-01 3.8E-04 995	2.9E+00 4.3E-02 1.0E-05 0	2.4E-03 2.7E-02 14 129

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
06:04----06:34	2.5E+01 1.7E+00 3.3E-02 187	6.5E-06 9.8E-01 4.3E-06 995	3.0E+00 5.7E-02 1.5E-05 0	2.7E-03 2.7E-02 14 17
06:19----06:49	2.5E+01 2.0E+00 7.1E-02 186	6.5E-06 9.8E-01 1.2E-06 995	3.4E+00 1.0E-01 3.5E-05 0	2.6E-03 3.3E-02 15 23
06:34----07:04	2.6E+01 2.0E+00 9.9E-02 184	1.1E-06 9.8E-01 1.2E-06 995	3.4E+00 1.3E-01 2.2E-04 0	2.7E-03 3.2E-02 15 24
06:49----07:19	2.6E+01 1.9E+00 1.0E-01 182	1.1E-06 9.7E-01 1.2E-06 995	3.2E+00 1.3E-01 6.5E-04 0	2.9E-03 3.0E-02 14 24
07:04----07:34	2.6E+01 2.0E+00 1.3E-01 185	4.0E-06 9.6E-01 2.0E-05 995	3.4E+00 1.6E-01 1.2E-03 0	2.9E-03 3.6E-02 14 25
07:19----07:49	2.7E+01 2.4E+00 1.7E-01 186	6.9E-06 9.5E-01 3.9E-05 995	3.9E+00 2.2E-01 1.8E-03 0	3.0E-03 4.1E-02 15 24
07:34----08:04	2.7E+01 3.4E+00 2.0E-01 184	4.3E-05 9.5E-01 1.3E-04 995	5.1E+00 2.5E-01 2.4E-03 0	3.6E-03 5.0E-02 15 25
07:49----08:19	2.6E+01 3.4E+00 2.3E-01 180	1.1E-04 9.5E-01 3.0E-04 995	5.1E+00 2.9E-01 3.1E-03 1	4.2E-03 5.4E-02 15 36
08:04----08:34	2.6E+01 2.4E+00 2.3E-01 178	1.9E-04 9.7E-01 5.6E-04 995	4.0E+00 2.9E-01 3.5E-03 1	4.6E-03 5.8E-02 16 40
08:19----08:49	2.6E+01 2.5E+00 2.1E-01 176	3.7E-04 9.8E-01 8.8E-04 995	4.1E+00 2.8E-01 4.1E-03 1	5.5E-03 6.8E-02 16 46
08:34----09:04	2.7E+01 2.8E+00 2.3E-01 171	5.5E-04 1.0E+00 1.3E-03 995	4.6E+00 3.1E-01 4.8E-03 0	6.9E-03 8.0E-02 17 71

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
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STATISTICS

NUMBER OF READINGS 448

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	2.34E+01	3.52E+01	2.63E+01	7.71E-01	2.63E+01	1.03E+00
H2S	1.00E-06	3.69E-02	2.44E-03	5.74E-03	1.60E-04	2.64E+01
THC	2.09E+00	1.01E+01	2.98E+00	8.23E-01	2.90E+00	1.25E+00
SO2	1.10E-03	1.07E-02	3.74E-03	1.57E-03	3.49E-03	1.43E+00
THC-CH4	1.10E+00	9.54E+00	1.74E+00	6.55E-01	1.67E+00	1.32E+00
CH4	7.41E-01	1.09E+00	9.12E-01	5.62E-02	9.10E-01	1.06E+00
NOX	1.53E-02	3.92E-01	1.02E-01	8.58E-02	7.33E-02	2.28E+00
NO2	9.25E-03	1.02E-01	4.46E-02	2.10E-02	3.94E-02	1.68E+00
NO	2.63E-03	3.06E-01	5.98E-02	7.17E-02	2.94E-02	3.42E+00
OZONE	1.00E-06	2.56E-02	3.94E-03	5.57E-03	2.99E-04	3.83E+01
SOLAR RAD	1.00E-06	7.57E-03	6.74E-04	1.54E-03	2.17E-05	1.44E+01
TEMP	14	20	16	1		
HUMIDITY	86	193	171	23	169	1
BAROMETER	995	995	995	0	995	
WIND SPEED	0	6	1	1	0	1

MAXIMUM
AVERAGE

CO	2.70E+01
H2S	2.55E-02
THC	5.06E+00
SO2	7.83E-03
THC-CH4	3.39E+00
CH4	1.01E+00
NOX	3.12E-01
NO2	7.97E-02
NO	2.27E-01
OZONE	1.81E-02
SOLAR RAD	4.77E-03
TEMP	19
HUMIDITY	188
BAROMETER	995
WIND SPEED	2
WIND DIRECTION	359

THUNDER BAY #38

DATE: AUG 21 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: END OF AIRPORT RUNWAY (X2890-Y6070); 3.3KM & 355 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTI
14:54----15:24	2.8E+01 3.9E-03 1.4E-02 49	7.8E-03 1.0E-06 5.6E-02 991	3.3E-02 2.1E-02 6.4E-02 12	6.4E-03 1.8E-02 29 179
14:57----15:27	2.8E+01 3.9E-03 1.4E-02 48	7.5E-03 1.0E-06 5.6E-02 991	3.3E-02 2.1E-02 6.7E-02 13	6.3E-03 1.8E-02 29 179
15:00----15:30	2.8E+01 3.9E-03 1.3E-02 48	7.2E-03 1.0E-06 5.7E-02 991	3.3E-02 2.0E-02 6.7E-02 15	6.1E-03 1.8E-02 29 187
15:03----15:33	2.8E+01 3.9E-03 1.4E-02 48	6.8E-03 1.0E-06 5.7E-02 991	3.3E-02 2.4E-02 6.7E-02 15	6.0E-03 2.2E-02 29 189
15:06----15:36	2.8E+01 3.9E-03 1.4E-02 48	6.1E-03 1.0E-06 5.7E-02 991	3.3E-02 2.4E-02 6.7E-02 15	5.5E-03 2.1E-02 29 190
15:09----15:39	2.8E+01 3.9E-03 1.4E-02 49	5.4E-03 1.0E-06 5.6E-02 991	3.3E-02 2.3E-02 6.6E-02 16	5.0E-03 2.1E-02 29 190
15:12----15:42	2.8E+01 1.0E-06 1.4E-02 50	5.0E-03 1.0E-06 5.6E-02 991	1.0E-06 2.3E-02 6.6E-02 17	4.5E-03 2.0E-02 29 190
15:15----15:45	2.8E+01 2.9E-03 1.3E-02 51	4.6E-03 1.0E-06 5.5E-02 991	1.0E-06 2.2E-02 6.6E-02 18	4.1E-03 1.9E-02 28 190
15:18----15:48	2.8E+01 2.9E-03 6.4E-03 53	4.2E-03 1.0E-06 5.5E-02 991	1.0E-06 2.2E-02 6.5E-02 20	3.7E-03 2.0E-02 28 190

STATISTICS

NUMBER OF READINGS 37

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	2.54E+01	3.04E+01	2.81E+01	1.18E+00	2.81E+01	1.04E+00
H2S	2.87E-03	1.17E-02	5.98E-03	2.45E-03	5.51E-03	1.50E+00
THC	1.00E-06	6.60E-01	1.78E-02	1.08E-01	1.44E-06	9.05E+00
SO2	1.64E-03	1.02E-02	4.90E-03	2.07E-03	4.45E-03	1.59E+00
THC-CH4	1.00E-06	7.76E-02	3.68E-03	1.58E-02	1.82E-06	1.28E+01
CH4	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+00
NOX	1.20E-02	1.01E-01	2.16E-02	1.48E-02	1.95E-02	1.48E+00
NO2	1.00E-06	1.17E-01	1.93E-02	1.83E-02	1.28E-02	5.36E+00
NO	3.19E-03	1.28E-01	1.01E-02	2.02E-02	6.97E-03	1.82E+00
OZONE	5.13E-02	6.08E-02	5.56E-02	2.24E-03	5.56E-02	1.04E+00
SOLAR RAD	1.18E-03	6.92E-02	6.38E-02	1.15E-02	5.86E-02	1.94E+00
TEMP	27	31	28	1		
HUMIDITY	39	64	51	5	51	1
BAROMETER	991	992	991	0	991	1
WIND SPEED	0	31	16	8	9	1

MAXIMUM
AVERAGE

CO	2.84E+01
H2S	7.82E-03
THC	3.30E-02
SO2	6.37E-03
THC-CH4	3.88E-03
CH4	1.00E-06
NOX	2.39E-02
NO2	2.18E-02
NO	1.37E-02
OZONE	5.67E-02
SOLAR RAD	6.75E-02
TEMP	29
HUMIDITY	53
BAROMETER	991
WIND SPEED	20
WIND DIRECTION	190

THUNDER BAY #39

DATE: AUG 21 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: MONTREAL & NEEBING STS (X2920-Y5830): 1.0KM & 005 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
16:29----16:59	2.8E+01 3.9E-01 9.8E-03 70	1.5E-02 1.0E-06 5.3E-02 990	4.5E-01 3.6E-02 1.7E-04 21	4.7E-03 3.1E-02 25 183
16:44----17:14	2.9E+01 6.7E-01 9.6E-03 68	2.5E-02 1.0E-06 5.5E-02 990	7.7E-01 4.0E-02 1.5E-04 24	5.2E-03 3.4E-02 26 203
16:59----17:29	3.0E+01 4.5E-01 1.0E-02 66	2.3E-02 1.0E-06 5.5E-02 990	4.7E-01 3.6E-02 1.2E-04 28	4.6E-03 2.9E-02 26 208
17:14----17:44	3.0E+01 2.2E-01 1.1E-02 66	1.7E-02 1.0E-06 5.2E-02 990	1.8E-01 3.2E-02 1.2E-04 24	3.8E-03 2.6E-02 26 209
17:29----17:59	3.2E+01 2.7E-01 1.1E-02 64	1.7E-02 1.0E-06 5.2E-02 990	2.9E-01 3.5E-02 1.4E-04 18	4.4E-03 2.8E-02 26 211
17:44----18:14	3.3E+01 5.1E-01 1.1E-02 61	2.1E-02 1.0E-06 5.4E-02 990	5.7E-01 3.6E-02 1.6E-04 16	6.1E-03 3.0E-02 27 209
17:59----18:29	3.3E+01 4.5E-01 1.1E-02 61	2.3E-02 1.0E-06 5.4E-02 989	4.7E-01 3.0E-02 1.6E-04 16	7.4E-03 2.5E-02 27 204
18:14----18:44	3.2E+01 1.6E-01 1.0E-02 64	1.9E-02 1.0E-06 5.4E-02 989	1.6E-01 2.4E-02 1.5E-04 15	8.0E-03 1.7E-02 27 187
18:29----18:59	3.3E+01 2.1E-01 1.2E-02 68	2.0E-02 1.0E-06 5.3E-02 989	1.9E-01 2.4E-02 1.4E-04 15	8.0E-03 1.7E-02 26 178
18:44----19:14	3.3E+01 1.8E-01 1.2E-02 71	1.8E-02 1.0E-06 5.4E-02 989	1.8E-01 2.4E-02 1.3E-04 15	7.1E-03 1.5E-02 25 175

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
18:59----19:29	3.3E+01 3.2E-06 1.2E-02 74	9.0E-03 1.0E-06 5.2E-02 989	2.3E-06 2.5E-02 1.2E-04 17	6.0E-03 1.5E-02 25 170
19:14----19:44	3.4E+01 3.2E-06 1.2E-02 78	5.0E-03 1.0E-06 4.9E-02 989	2.3E-06 2.8E-02 1.1E-04 17	5.5E-03 1.8E-02 24 169
19:29----19:59	3.4E+01 3.2E-06 1.2E-02 81	3.1E-03 1.0E-06 4.8E-02 989	2.3E-06 3.0E-02 8.7E-05 16	5.2E-03 2.3E-02 24 171
19:44----20:14	3.4E+01 1.7E-01 1.2E-02 83	4.2E-03 1.0E-06 4.7E-02 988	1.9E-01 3.5E-02 6.7E-05 14	5.0E-03 2.6E-02 24 180
19:59----20:29	3.4E+01 4.6E-01 1.2E-02 86	1.1E-02 1.0E-06 4.8E-02 988	5.1E-01 3.7E-02 3.9E-05 12	5.3E-03 2.8E-02 23 195
20:14----20:44	3.3E+01 4.1E-01 1.1E-02 90	1.9E-02 1.0E-06 5.0E-02 988	4.5E-01 3.2E-02 2.6E-05 11	5.6E-03 2.4E-02 23 185
20:29----20:59	3.2E+01 3.3E-01 1.0E-02 91	1.8E-02 1.0E-06 5.0E-02 987	3.8E-01 3.0E-02 1.2E-05 16	5.9E-03 2.3E-02 23 173
20:44----21:14	3.1E+01 4.4E-01 1.1E-02 80	1.6E-02 1.0E-06 5.0E-02 987	5.2E-01 3.0E-02 2.8E-06 13	6.3E-02 2.4E-02 23 187
20:59----21:29	3.0E+01 3.7E-01 9.7E-03 80	1.5E-02 1.0E-06 5.0E-02 987	4.0E-01 3.3E-02 6.7E-06 11	6.9E-02 3.0E-02 22 210
21:14----21:44	2.9E+01 3.0E-01 7.0E-03 91	1.2E-02 1.0E-06 4.9E-02 987	3.0E-01 3.4E-02 8.6E-06 12	1.5E-02 3.3E-02 22 209
21:29----21:59	2.8E+01 2.6E-01 6.3E-03 91	1.1E-02 1.0E-06 4.9E-02 987	2.7E-01 3.7E-02 7.3E-06 9	9.5E-03 3.7E-02 22 222

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
21:44----22:14	2.8E+01 1.8E-01 7.2E-03 89	8.0E-03 1.0E-06 5.0E-02 987	1.7E-01 3.9E-02 1.1E-05 11	7.7E-03 4.0E-02 23 225
21:59----22:29	2.8E+01 7.9E-02 7.2E-03 86	4.2E-03 1.0E-06 5.4E-02 988	6.3E-02 2.6E-02 1.3E-05 15	6.3E-03 2.5E-02 23 226
22:14----22:44	2.7E+01 5.2E-06 5.2E-03 83	2.4E-03 1.0E-06 5.9E-02 988	4.5E-06 1.8E-02 1.3E-05 19	5.3E-03 1.7E-02 24 226
22:29----22:59	2.7E+01 4.5E-01 4.9E-03 82	6.4E-03 1.0E-06 5.6E-02 988	5.0E-01 2.5E-02 1.2E-05 21	5.2E-03 2.6E-02 24 211
22:44----23:14	2.8E+01 7.4E-01 5.6E-03 82	1.2E-02 1.0E-06 5.3E-02 988	8.4E-01 2.9E-02 1.0E-05 24	5.7E-03 3.0E-02 24 207

STATISTICS

NUMBER OF READINGS 167

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	2.56E+01	3.58E+01	3.06E+01	2.62E+00	3.05E+01	1.09E+00
H2S	1.39E-03	3.75E-02	1.33E-02	8.41E-03	1.03E-02	2.22E+00
THC	1.00E-06	1.56E+00	3.19E-01	4.39E-01	5.07E-04	7.48E+02
SO2	3.04E-03	2.79E-01	1.06E-02	2.65E-02	6.68E-03	1.88E+00
THC-CH4	1.00E-06	1.32E+00	2.97E-01	3.78E-01	7.64E-04	7.10E+02
CH4	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+00
NOX	1.18E-02	1.23E-01	3.09E-02	1.22E-02	2.91E-02	1.40E+00
NO2	1.00E-06	1.39E-01	2.59E-02	1.43E-02	2.19E-02	2.51E+00
NO	2.55E-03	3.39E-02	9.48E-03	3.77E-03	8.77E-03	1.51E+00
OZONE	2.71E-02	6.18E-02	5.19E-02	4.98E-03	5.17E-02	1.11E+00
SOLAR RAD	1.00E-06	1.99E-04	7.51E-05	6.52E-05	3.02E-05	5.98E+00
TEMP	22	27	24	2		
HUMIDITY	19	97	77	12	76	
BAROMETER	986	990	988	1	988	
WIND SPEED	2	41	17	7	16	

MAXIMUM
AVERAGE

CO	3.44E+01
H2S	2.50E-02
THC	8.39E-01
SO2	6.94E-02
THC-CH4	7.43E-01
CH4	1.00E-06
NOX	4.01E-02
NO2	4.01E-02
NO	1.22E-02
OZONE	5.92E-02
SOLAR RAD	1.72E-04
TEMP	27
HUMIDITY	91
BAROMETER	990
WIND SPEED	28
WIND DIRECTION	226

THUNDER BAY #40

DATE: AUG 21 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: MONTREAL & NEEBING STS (X2920-Y5830): 1.0KM & 005 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
23:30----00:00	3.1E+01 1.5E-01 1.7E-03 91	3.3E-03 1.0E-06 5.6E-02 988	1.2E-01 2.3E-02 1.4E-05 21	5.1E-03 2.5E-02 24 217
23:33----00:03	3.1E+01 1.7E-01 1.5E-03 92	3.1E-03 1.0E-06 5.6E-02 988	1.4E-01 2.2E-02 1.3E-05 22	4.8E-03 2.4E-02 24 217
23:36----00:06	3.1E+01 2.0E-01 1.4E-03 92	3.0E-03 1.0E-06 5.6E-02 988	1.6E-01 2.2E-02 1.3E-05 21	4.6E-03 2.4E-02 24 215
23:39----00:09	3.1E+01 2.2E-01 1.4E-03 92	3.0E-03 1.0E-06 5.6E-02 988	1.7E-01 2.2E-02 1.3E-05 22	4.4E-03 2.5E-02 24 216
23:42----00:12	3.1E+01 2.2E-01 1.4E-03 93	2.9E-03 1.0E-06 5.6E-02 988	1.7E-01 2.1E-02 1.4E-05 22	4.2E-03 2.4E-02 24 216
23:45----00:15	3.1E+01 2.1E-01 1.2E-03 93	2.9E-03 1.0E-06 5.6E-02 988	1.7E-01 2.1E-02 1.4E-05 22	4.1E-03 2.4E-02 24 214

STATISTICS

NUMBER OF READINGS 31

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	2.91E+01	3.30E+01	3.08E+01	1.06E+00	3.08E+01	1.04E+00
H2S	1.83E-03	6.31E-03	3.08E-03	1.01E-03	2.95E-03	1.33E+00
THC	1.00E-06	8.99E-01	1.38E-01	2.56E-01	1.22E-04	4.79E+02
SO2	3.20E-03	5.93E-03	4.49E-03	8.70E-04	4.40E-03	1.22E+00
THC-CH4	1.00E-06	8.30E-01	1.68E-01	2.27E-01	8.67E-04	5.30E+02
CH4	1.00E-06	1.00E-06	1.00E-06	0.00E+00	1.00E-06	1.00E+00
NOX	9.62E-03	5.34E-02	2.11E-02	8.82E-03	1.97E-02	1.44E+00
NO2	1.09E-02	5.78E-02	2.34E-02	9.65E-03	2.19E-02	1.44E+00
NO	1.00E-06	1.23E-02	1.23E-03	2.39E-03	8.00E-05	3.24E+01
OZONE	4.33E-02	6.29E-02	5.61E-02	4.00E-03	5.59E-02	1.08E+00
SOLAR RAD	1.00E-06	2.49E-05	1.28E-05	7.63E-06	8.38E-06	3.32E+00
TEMP	24	24	24	0		1
HUMIDITY	89	97	92	2	92	1
BAROMETER	987	988	988	0	988	1
WIND SPEED	1	33	22	6	19	

MAXIMUM
AVERAGE

CO	3.11E+01
H2S	3.32E-03
THC	1.72E-01
SO2	5.06E-03
THC-CH4	2.17E-01
CH4	1.00E-06
NOX	2.28E-02
NO2	2.46E-02
NO	1.65E-03
OZONE	5.59E-02
SOLAR RAD	1.43E-05
TEMP	24
HUMIDITY	93
BAROMETER	988
WIND SPEED	22
WIND DIRECTION	217

THUNDER BAY #41

DATE: AUG 22 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: MT MCKAY SKI HILL (X2950-Y5690): 0.6KM @ 140 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 N02 TEMP WIND DIRECTI
10:49----11:19	3.3E+01 1.3E+00 3.7E-02 77	1.8E-02 7.9E-02 2.2E-02 997	2.4E+00 5.7E-02 2.9E-02 7	6.0E-03 2.9E-02 20 308
10:59----11:29	2.8E+01 9.5E-01 2.7E-02 59	1.3E-02 6.7E-02 1.9E-02 864	1.6E+00 4.6E-02 2.8E-02 5	5.9E-03 2.9E-02 18 297
11:09----11:39	2.0E+01 6.5E-01 1.3E-02 36	8.0E-03 4.9E-02 1.4E-02 598	9.9E-01 3.2E-02 2.4E-02 4	4.8E-03 2.2E-02 13 306
11:19----11:49	2.1E+01 5.6E-01 1.2E-02 32	7.1E-03 3.6E-02 1.6E-02 598	9.4E-01 3.0E-02 3.3E-02 6	4.1E-03 2.1E-02 13 325
11:29----11:59	2.6E+01 4.7E-01 1.2E-02 38	7.3E-03 3.3E-02 2.0E-02 731	8.7E-01 3.0E-02 4.7E-02 7	4.4E-03 2.1E-02 16 335
11:39----12:09	3.5E+01 2.1E-01 1.5E-02 52	8.3E-03 2.8E-02 2.9E-02 998	4.8E-01 3.2E-02 5.4E-02 9	5.1E-03 2.0E-02 22 334
11:49----12:19	3.5E+01 1.2E-01 1.7E-02 53	6.6E-03 2.9E-02 3.0E-02 998	2.6E-01 2.3E-02 5.7E-02 9	4.1E-03 8.4E-03 21 333
11:59----12:29	3.7E+01 1.5E-01 2.0E-02 52	5.5E-03 3.6E-02 3.0E-02 998	2.2E-01 3.6E-02 5.5E-02 9	3.9E-03 2.2E-02 22 332
12:09----12:39	3.7E+01 3.9E-01 2.2E-02 50	4.8E-03 5.9E-02 3.1E-02 998	2.5E-01 4.1E-02 6.7E-02 9	4.1E-03 2.6E-02 22 336
12:19----12:49	3.7E+01 5.7E-01 2.7E-02 46	4.5E-03 8.0E-02 3.0E-02 998	4.4E-01 5.0E-02 7.1E-02 9	5.3E-03 3.1E-02 23 337

THUNDER BAY #41, CONT'D

PAGE 2

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
12:29----12:59	3.5E+01 5.1E-01 2.6E-02 46	3.4E-03 8.2E-02 2.9E-02 998	3.5E-01 3.5E-02 6.3E-02 9	5.1E-03 1.5E-02 23 336
12:39----13:09	3.5E+01 5.2E-01 2.6E-02 47	2.9E-03 7.1E-02 2.8E-02 998	6.6E-01 4.1E-02 6.0E-02 8	5.0E-03 2.4E-02 23 339
12:49----13:19	3.4E+01 4.7E-01 2.6E-02 46	2.3E-03 5.0E-02 2.7E-02 998	5.8E-01 3.9E-02 5.7E-02 7	4.7E-03 2.5E-02 23 346
12:59----13:29	3.4E+01 8.5E-01 2.7E-02 44	3.2E-03 7.2E-02 2.7E-02 998	7.9E-01 4.3E-02 5.7E-02 5	6.3E-03 2.8E-02 23 352
13:09----13:39	3.4E+01 6.2E-01 3.1E-02 42	3.9E-03 5.6E-02 2.7E-02 998	6.9E-01 3.3E-02 4.8E-02 4	7.4E-03 1.4E-02 23 349
13:19----13:49	3.5E+01 5.3E-01 2.5E-02 43	4.4E-03 4.5E-02 2.8E-02 998	6.9E-01 2.9E-02 5.0E-02 5	7.5E-03 1.1E-02 23 354
13:29----13:59	3.5E+01 1.9E-01 2.5E-02 41	3.3E-03 1.0E-02 2.9E-02 998	5.6E-01 2.3E-02 5.3E-02 5	5.6E-03 8.5E-03 23 358
13:39----14:09	3.5E+01 3.3E-01 2.3E-02 39	2.4E-03 1.2E-02 3.0E-02 998	8.1E-01 3.2E-02 6.3E-02 5	4.6E-03 1.4E-02 24 11
13:49----14:19	3.5E+01 4.0E-01 2.3E-02 38	1.3E-03 1.6E-02 3.0E-02 998	7.6E-01 3.2E-02 5.5E-02 4	3.9E-03 1.4E-02 24 12
13:59----14:29	3.5E+01 5.1E-01 3.0E-02 37	1.5E-03 1.9E-02 3.0E-02 998	9.7E-01 4.5E-02 5.2E-02 3	4.7E-03 1.8E-02 25 6
14:09----14:39	3.5E+01 5.1E-01 3.2E-02 36	1.5E-03 1.7E-02 3.0E-02 998	1.5E+00 5.0E-02 5.3E-02 3	5.2E-03 2.6E-02 25 2

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
14:19----14:49	3.5E+01 4.0E-01 3.3E-02 38	1.5E-03 1.2E-02 3.1E-02 998	1.5E+00 4.8E-02 4.6E-02 3	5.4E-03 2.7E-02 24 20
14:29----14:59	3.5E+01 2.5E-01 2.4E-02 40	8.2E-04 7.7E-03 3.3E-02 998	1.3E+00 3.3E-02 5.1E-02 4	4.4E-03 2.0E-02 23 18
14:39----15:09	3.5E+01 7.4E-01 3.4E-02 40	5.1E-04 3.6E-02 3.2E-02 998	1.2E+00 2.3E-02 5.0E-02 3	4.3E-03 8.3E-03 23 9
14:49----15:19	3.6E+01 7.5E-01 3.7E-02 36	1.2E-03 3.6E-02 3.2E-02 998	1.3E+00 2.9E-02 6.2E-02 3	6.6E-03 1.1E-02 24 6
14:59----15:29	3.6E+01 7.9E-01 3.7E-02 35	2.1E-03 3.6E-02 3.3E-02 998	1.3E+00 3.2E-02 5.2E-02 2	8.1E-03 1.3E-02 25 35

STATISTICS

NUMBER OF READINGS 283

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	6.54E+01	3.35E+01	7.83E+00	1.67E+01	3.33E+01
H2S	1.00E-06	2.94E-02	5.15E-03	5.89E-03	1.90E-03	9.78E-03
THC	1.00E-06	2.09E+01	9.43E-01	2.56E+00	1.49E-03	7.68E+02
SO2	1.00E-06	1.86E-02	5.37E-03	2.86E-03	3.58E-03	5.86E+00
THC-CH4	1.00E-06	1.26E+01	5.42E-01	1.40E+00	1.19E-03	6.21E+02
CH4	1.00E-06	7.02E-01	4.07E-02	8.38E-02	6.34E-04	1.81E+02
NOX	1.00E-06	2.59E-01	3.66E-02	3.69E-02	1.77E-02	9.07E+00
NO2	1.00E-06	3.03E-01	1.92E-02	3.40E-02	5.20E-04	1.06E+02
NO	1.00E-06	1.94E-01	2.57E-02	3.38E-02	1.06E-02	8.72E+00
OZONE	1.00E-06	3.90E-02	2.79E-02	7.34E-03	1.86E-02	8.00E+00
SOLAR RAD	1.00E-06	9.84E-02	5.00E-02	2.49E-02	2.96E-02	9.24E+00
TEMP	0	28	22	5		
HUMIDITY	0	95	45	16	22	38
BAROMETER	0	999	956	201	414	66
WIND SPEED	0	19	6	5	2	51

MAXIMUM
AVERAGE

CO	3.73E+01
H2S	1.84E-02
THC	2.36E+00
SO2	8.06E-03
THC-CH4	1.27E+00
CH4	8.16E-02
NOX	5.68E-02
NO2	3.05E-02
NO	3.73E-02
OZONE	3.27E-02
SOLAR RAD	7.07E-02
TEMP	25
HUMIDITY	77
BAROMETER	998
WIND SPEED	9
WIND DIRECTION	358

THUNDER BAY #42

DATE: AUG 22 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: MERYLE AVE AT RR TRACKS (X2810-Y5850); 1.5KM @ 315 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
16:08----16:38	3.1E+01 1.0E-06 8.9E-03 46	1.5E-03 8.5E-04 3.3E-02 998	1.0E-06 1.6E-02 3.8E-02 13	4.4E-03 6.5E-03 22 108
16:23----16:53	3.2E+01 1.0E-06 7.5E-03 48	1.1E-03 8.5E-04 3.2E-02 998	1.0E-06 1.6E-02 4.0E-02 14	3.6E-03 7.8E-03 22 109
16:38----17:08	3.2E+01 2.7E-02 6.6E-03 50	1.5E-03 1.0E-06 3.3E-02 998	2.4E-02 1.5E-02 3.8E-02 13	3.4E-03 7.7E-03 22 108
16:53----17:23	3.2E+01 1.3E-01 8.3E-03 52	2.4E-03 2.4E-03 3.1E-02 998	7.6E-02 1.5E-02 3.6E-02 10	3.8E-03 8.1E-03 22 122
17:08----17:38	3.2E+01 9.9E-02 8.0E-03 51	1.7E-03 2.4E-03 3.0E-02 998	5.2E-02 2.2E-02 3.5E-02 7	3.4E-03 1.7E-02 22 146
17:23----17:53	3.1E+01 1.2E-01 1.2E-02 49	4.9E-04 5.0E-03 3.1E-02 998	1.1E-06 1.9E-02 4.0E-02 10	2.9E-03 1.4E-02 22 146
17:38----18:08	3.1E+01 1.2E-01 1.2E-02 52	1.0E-04 5.0E-03 3.1E-02 998	3.1E-03 1.2E-02 2.8E-02 10	3.0E-03 4.6E-03 21 144
17:53----18:23	3.1E+01 5.5E-03 2.0E-02 58	4.3E-06 1.0E-06 3.0E-02 998	1.5E-02 1.9E-02 1.9E-02 6	3.4E-03 4.2E-03 20 148
18:08----18:38	3.1E+01 1.5E-03 2.5E-02 59	3.6E-06 1.0E-06 3.1E-02 998	1.2E-02 1.8E-02 1.8E-02 5	3.6E-03 2.7E-03 20 167
18:23----18:53	3.0E+01 1.4E-02 2.2E-02 58	4.2E-06 1.0E-06 3.2E-02 998	5.4E-02 2.7E-02 1.5E-02 6	3.6E-03 2.0E-02 20 161

THUNDER BAY #42, CONT'D

PAGE 2

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
18:38----19:08	3.0E+01 1.4E-02 4.6E-02 60	4.2E-06 1.0E-06 3.1E-02 998	5.4E-02 2.8E-02 1.3E-02 4	3.7E-03 2.0E-02 19 149
18:53----19:23	3.0E+01 1.6E-06 3.8E-02 61	1.0E-06 1.0E-06 3.0E-02 998	4.2E-02 1.0E-02 1.3E-02 3	3.4E-03 1.9E-03 19 155
19:08----19:38	2.9E+01 4.0E-03 8.4E-03 62	3.7E-05 1.2E-03 2.8E-02 998	4.6E-02 1.5E-02 1.1E-02 3	3.8E-03 1.0E-02 19 138
19:23----19:53	3.0E+01 4.0E-03 4.7E-03 68	3.7E-05 2.0E-03 2.5E-02 998	4.2E-03 1.7E-02 6.9E-03 6	4.1E-03 1.3E-02 18 103
19:38----20:08	3.0E+01 1.6E-06 7.5E-03 76	1.0E-06 2.3E-03 2.1E-02 998	1.2E-06 2.0E-02 4.6E-03 6	4.0E-03 1.5E-02 18 97
19:53----20:23	3.0E+01 1.6E-06 9.7E-03 83	1.0E-06 1.6E-02 2.8E-02 998	1.2E-06 2.3E-02 3.1E-03 7	3.9E-03 1.7E-02 17 95
20:08----20:38	3.0E+01 1.6E-06 7.5E-03 91	1.0E-06 2.4E-02 1.9E-02 998	1.2E-06 1.9E-02 1.8E-03 10	3.6E-03 1.2E-02 17 99
20:23----20:53	2.9E+01 1.6E-06 6.0E-03 100	1.0E-06 1.4E-02 1.7E-02 997	1.2E-06 1.9E-02 7.8E-04 8	3.6E-03 1.4E-02 16 104
20:38----21:08	3.0E+01 1.6E-06 5.6E-03 103	1.0E-06 6.5E-03 1.7E-02 997	1.2E-06 2.0E-02 2.7E-04 6	3.8E-03 1.5E-02 16 104
20:53----21:23	3.0E+01 1.6E-06 4.9E-03 100	1.0E-06 1.1E-03 1.7E-02 998	1.2E-06 1.9E-02 6.8E-05 5	3.9E-03 1.5E-02 16 105
21:08----21:38	3.1E+01 8.4E-02 2.1E-02 97	1.0E-06 3.5E-03 1.6E-02 998	1.0E+00 3.1E-02 2.5E-05 4	4.1E-03 1.6E-02 16 103

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
21:23----21:53	3.1E+01 7.8E-01 2.9E-02 96	1.0E-06 5.5E-02 1.3E-02 998	2.1E+00 3.8E-02 2.0E-05 2	4.7E-03 2.2E-02 16 96
21:38----22:08	3.1E+01 7.0E-01 2.4E-02 98	1.0E-06 5.4E-02 9.0E-03 998	1.1E+00 4.5E-02 1.2E-05 1	5.3E-03 3.0E-02 16 90
21:53----22:23	3.1E+01 1.6E-02 1.9E-02 100	1.1E-04 1.8E-02 1.0E-02 999	7.4E-02 4.6E-02 1.5E-05 2	5.1E-03 3.2E-02 16 122
22:08----22:38	3.0E+01 2.1E-02 9.5E-03 99	8.3E-04 3.9E-02 1.6E-02 999	4.1E-02 3.1E-02 2.0E-05 5	4.8E-03 2.6E-02 16 106
22:23----22:53	3.0E+01 1.2E-02 9.0E-03 100	1.0E-03 3.0E-02 1.5E-02 999	2.3E-02 2.8E-02 1.4E-05 6	4.4E-03 1.6E-02 16 88
22:38----23:08	3.0E+01 5.8E-06 8.7E-03 106	4.7E-04 1.8E-02 1.4E-02 998	5.7E-06 3.1E-02 9.2E-06 6	4.0E-03 1.9E-02 16 80
22:53----23:23	3.0E+01 5.8E-06 8.0E-03 112	3.3E-04 2.9E-02 1.2E-02 998	5.7E-06 3.0E-02 8.9E-06 7	3.8E-03 2.4E-02 16 79
23:08----23:38	3.0E+01 5.8E-06 9.2E-03 114	2.4E-04 1.6E-02 1.2E-02 998	5.7E-06 3.9E-02 1.6E-05 8	3.9E-03 2.6E-02 16 78
23:23----23:53	3.0E+01 5.8E-06 7.7E-03 113	1.3E-04 1.3E-02 1.4E-02 998	5.7E-06 3.4E-02 2.3E-05 9	4.1E-03 2.2E-02 16 91
23:38----00:08	3.0E+01 5.8E-06 4.8E-03 116	1.6E-04 1.5E-02 1.5E-02 997	5.7E-06 1.6E-02 1.8E-05 10	3.9E-03 1.2E-02 15 92
23:53----00:23	2.9E+01 5.8E-06 4.2E-03 121	1.4E-04 2.2E-03 1.6E-02 997	5.7E-06 1.4E-02 1.3E-05 13	3.6E-03 1.0E-02 15 80

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
00:08----00:38	2.9E+01 6.2E-02 9.9E-03 122	7.0E-04 1.4E-03 1.7E-02 998	9.5E-02 2.3E-02 2.2E-05 16	3.6E-03 1.4E-02 15 94
00:23----00:53	2.9E+01 1.7E-01 1.1E-02 120	4.7E-03 3.3E-03 1.8E-02 998	2.3E-01 2.7E-02 2.1E-05 19	5.4E-03 1.7E-02 15 117
00:38----01:08	3.0E+01 1.0E-01 6.7E-03 120	7.1E-03 1.9E-03 2.1E-02 999	1.4E-01 1.9E-02 1.5E-05 24	7.5E-03 1.2E-02 14 124
00:53----01:23	3.0E+01 6.5E-06 5.3E-03 124	5.0E-03 3.0E-03 2.2E-02 999	6.2E-06 1.2E-02 1.7E-05 26	6.7E-03 7.3E-03 14 121
01:08----01:38	3.1E+01 6.5E-06 3.2E-03 126	3.1E-03 5.4E-03 2.2E-02 998	6.2E-06 9.1E-03 1.8E-05 18	4.8E-03 5.9E-03 14 112
01:23----01:53	3.2E+01 6.5E-06 4.3E-03 129	2.0E-03 9.1E-03 2.2E-02 998	6.2E-06 1.0E-02 1.9E-05 17	4.0E-03 5.8E-03 14 105
01:38----02:08	3.3E+01 6.5E-06 4.9E-03 126	1.5E-03 8.5E-03 2.2E-02 998	6.2E-06 9.7E-03 2.0E-05 20	3.8E-03 4.6E-03 14 107
01:53----02:23	3.4E+01 6.5E-06 3.7E-03 122	9.9E-04 6.6E-03 2.3E-02 997	6.2E-06 7.7E-03 2.0E-05 20	3.4E-03 3.5E-03 13 107
02:08----02:38	3.2E+01 6.5E-06 4.3E-03 125	8.4E-04 9.9E-03 2.1E-02 997	6.2E-06 8.9E-03 1.8E-05 20	3.5E-03 3.5E-03 13 108
02:23----02:53	3.2E+01 6.5E-06 4.4E-03 133	8.4E-04 1.8E-02 2.0E-02 997	6.2E-06 9.8E-03 1.3E-05 22	3.5E-03 4.5E-03 13 112
02:38----03:08	3.2E+01 6.5E-06 3.7E-03 142	8.4E-04 1.5E-02 2.0E-02 996	6.2E-06 8.6E-03 2.1E-05 20	3.1E-03 4.8E-03 13 108

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
02:53----03:23	3.1E+01 6.5E-06 3.5E-03 143	8.9E-04 4.3E-03 2.0E-02 996	6.2E-06 9.4E-03 3.4E-05 18	3.1E-03 5.8E-03 13 99
03:08----03:38	3.1E+01 6.5E-06 3.1E-03 140	6.4E-04 3.0E-03 2.1E-02 997	6.2E-06 8.4E-03 3.1E-05 18	3.0E-03 4.8E-03 13 94
03:23----03:53	3.2E+01 6.5E-06 8.5E-03 138	4.5E-04 3.2E-04 1.9E-02 997	6.2E-06 1.2E-02 2.7E-05 20	2.9E-03 2.4E-03 13 95
03:38----04:08	3.2E+01 6.5E-06 8.4E-03 139	4.9E-04 3.2E-04 2.0E-02 996	6.2E-06 1.2E-02 2.5E-05 19	3.0E-03 2.4E-03 13 95
03:53----04:23	3.2E+01 6.5E-06 3.6E-03 140	4.8E-04 4.9E-03 2.0E-02 996	6.2E-06 9.2E-03 2.4E-05 15	3.3E-03 3.6E-03 13 95
04:08----04:38	3.2E+01 6.5E-06 4.3E-03 140	4.4E-04 9.0E-03 1.8E-02 996	6.2E-06 1.1E-02 2.2E-05 13	4.1E-03 5.5E-03 13 105
04:23----04:53	3.2E+01 6.5E-06 6.4E-03 148	4.4E-04 1.5E-02 1.9E-02 996	6.2E-06 9.2E-03 1.3E-05 13	3.9E-03 4.1E-03 13 109
04:38----05:08	3.4E+01 6.5E-06 6.9E-03 164	4.8E-04 2.1E-02 1.8E-02 996	6.2E-06 8.9E-03 1.4E-05 14	2.9E-03 2.8E-03 13 110
04:53----05:23	3.4E+01 6.5E-06 8.5E-03 177	4.7E-04 1.3E-02 1.7E-02 995	6.2E-06 1.7E-02 2.7E-05 15	3.0E-03 6.3E-03 12 98
05:08----05:38	3.2E+01 6.5E-06 1.3E-02 181	4.7E-04 3.8E-03 1.6E-02 995	6.2E-06 3.3E-02 2.9E-05 13	3.0E-03 2.4E-02 12 91
05:23----05:53	3.1E+01 6.5E-06 1.8E-02 180	4.2E-04 1.6E-06 1.7E-02 995	6.2E-06 3.1E-02 2.9E-05 14	3.0E-03 2.3E-02 13 90

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
05:38----06:08	3.2E+01 6.5E-06 1.1E-02 178	3.3E-04 1.6E-06 1.8E-02 995	6.2E-06 1.3E-02 2.5E-05 20	2.9E-03 4.8E-03 13 90
05:53----06:23	3.2E+01 6.5E-06 3.0E-03 179	2.1E-04 1.6E-06 1.8E-02 994	6.2E-06 6.6E-03 2.2E-05 26	2.4E-03 3.1E-03 12 88
06:08----06:38	3.2E+01 6.5E-06 3.3E-03 179	8.5E-05 1.6E-06 1.8E-02 994	6.2E-06 5.8E-03 2.3E-05 23	2.1E-03 1.7E-03 12 84
06:23----06:53	3.1E+01 6.5E-06 4.2E-03 179	8.2E-05 1.6E-06 1.8E-02 995	6.2E-06 9.3E-03 2.2E-05 20	2.3E-03 2.2E-03 12 83
06:38----07:08	3.2E+01 6.5E-06 9.4E-03 181	1.1E-04 6.1E-04 1.5E-02 995	6.2E-06 2.3E-02 2.6E-05 20	2.5E-03 8.8E-03 12 79
06:53----07:23	3.2E+01 6.5E-06 1.0E-02 183	2.3E-04 2.0E-03 1.5E-02 995	6.2E-06 2.4E-02 4.3E-05 19	2.3E-03 1.1E-02 12 81
07:08----07:38	3.2E+01 6.5E-06 5.7E-03 192	2.1E-04 1.4E-03 1.7E-02 994	6.2E-06 1.3E-02 8.5E-05 22	2.2E-03 5.8E-03 12 86
07:23----07:53	3.1E+01 6.5E-06 5.4E-03 211	4.6E-05 1.6E-06 1.7E-02 994	6.2E-06 1.2E-02 1.7E-04 22	2.0E-03 5.6E-03 12 86
07:38----08:08	3.2E+01 6.5E-06 6.0E-03 226	4.5E-05 1.6E-06 1.6E-02 994	6.2E-06 1.4E-02 3.0E-04 19	2.0E-03 7.8E-03 12 86
07:53----08:23	3.3E+01 6.5E-06 6.7E-03 233	6.5E-05 1.6E-06 1.5E-02 994	6.2E-06 1.7E-02 5.0E-04 18	2.2E-03 8.1E-03 12 84
08:08----08:38	3.3E+01 6.5E-06 7.1E-03 239	7.4E-05 1.6E-06 1.5E-02 994	6.2E-06 2.0E-02 6.7E-04 17	2.1E-03 1.3E-02 12 79

THUNDER BAY #42, CONT'D

PAGE 7

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
08:23----08:53	3.4E+01 6.5E-06 6.6E-03 248	1.1E-04 1.6E-06 1.5E-02 994	6.2E-06 1.9E-02 7.8E-04 18	1.7E-03 1.3E-02 12 76
08:38----09:08	3.5E+01 6.5E-06 6.2E-03 254	1.2E-04 1.6E-06 1.5E-02 994	6.2E-06 1.5E-02 1.0E-03 19	1.4E-03 7.3E-03 12 81
08:53----09:23	3.5E+01 6.5E-06 5.4E-03 253	1.5E-04 1.6E-06 1.5E-02 993	6.2E-06 1.5E-02 1.4E-03 20	1.5E-03 7.8E-03 12 82

STATISTICS

NUMBER OF READINGS 414

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	2.60E+01	3.81E+01	3.13E+01	2.28E+00	3.12E+01	1.08E+00
H2S	1.00E-06	1.05E-02	7.03E-04	1.43E-03	5.05E-05	2.48E-01
THC	1.00E-06	1.27E+01	7.51E-02	8.66E-01	1.84E-06	1.54E+01
SO2	1.08E-03	1.23E-02	3.50E-03	1.29E-03	3.29E-03	1.42E+00
THC-CH4	1.00E-06	8.32E+00	3.58E-02	4.25E-01	1.78E-06	1.34E+01
CH4	1.00E-06	5.55E-01	7.79E-03	3.02E-02	2.06E-05	8.79E+01
NOX	2.34E-03	2.17E-01	1.85E-02	2.17E-02	1.39E-02	1.97E+00
NO2	1.00E-06	2.05E-01	1.10E-02	1.87E-02	2.48E-03	2.18E+01
NO	1.53E-03	3.23E-01	9.63E-03	2.20E-02	5.88E-03	2.13E+00
OZONE	2.90E-03	3.75E-02	2.01E-02	6.66E-03	1.89E-02	1.44E+00
SOLAR RAD	1.00E-06	9.02E-02	5.53E-03	1.27E-02	1.52E-04	2.13E+01
TEMP	11	24	15	3		
HUMIDITY	40	256	127	56	114	
BAROMETER	993	999	997	2	997	1
WIND SPEED	0	39	14	8	9	

MAXIMUM
AVERAGE

CO	3.49E+01
H2S	7.10E-03
THC	2.07E+00
SO2	7.46E-03
THC-CH4	7.77E-01
CH4	5.47E-02
NOX	4.63E-02
NO2	3.21E-02
NO	4.61E-02
OZONE	3.33E-02
SOLAR RAD	4.00E-02
TEMP	22
HUMIDITY	254
BAROMETER	999
WIND SPEED	26
WIND DIRECTION	167

THUNDER BAY #43

DATE: AUG 23 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: VICTOR AVE, 1KM S OF BROADWAY (X2710-Y5720); 2.0KM & 265 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
11:00----11:30	4.0E+01 1.5E+00 2.1E-02 246	9.6E-03 4.7E-01 1.5E-02 993	3.7E+00 3.6E-02 3.4E-03 6	5.6E-03 1.9E-02 12 83
11:15----11:45	3.9E+01 1.4E+00 1.8E-02 239	6.4E-03 4.7E-01 1.6E-02 992	3.3E+00 3.4E-02 7.2E-03 9	5.6E-03 2.1E-02 12 78
11:30----12:00	3.9E+01 8.8E-01 1.3E-02 237	6.1E-03 4.3E-01 1.7E-02 992	1.7E+00 2.9E-02 1.0E-02 11	5.9E-03 1.7E-02 12 84
11:45----12:15	4.0E+01 8.0E-01 1.1E-02 235	6.6E-03 4.2E-01 1.8E-02 991	1.2E+00 2.4E-02 9.8E-03 10	5.5E-03 1.4E-02 12 87
12:00----12:30	4.0E+01 1.4E+00 9.6E-03 233	5.7E-03 4.4E-01 1.8E-02 991	1.8E+00 2.4E-02 9.3E-03 9	4.8E-03 1.5E-02 12 81
12:15----12:45	4.0E+01 2.0E+00 1.1E-02 230	5.1E-03 4.7E-01 1.7E-02 991	3.2E+00 2.7E-02 8.4E-03 9	4.3E-03 1.8E-02 12 83
12:30----13:00	3.8E+01 1.4E+00 1.7E-02 230	5.3E-03 4.4E-01 1.7E-02 991	2.7E+00 3.0E-02 8.1E-03 7	4.2E-03 1.9E-02 12 79
12:45----13:15	3.7E+01 6.2E-01 1.5E-02 228	5.3E-03 4.1E-01 1.7E-02 991	1.3E+00 2.7E-02 8.8E-03 11	4.2E-03 1.7E-02 12 84
13:00----13:30	3.8E+01 5.8E-01 7.7E-03 227	6.1E-03 4.1E-01 1.8E-02 991	1.3E+00 2.2E-02 9.7E-03 14	4.4E-03 1.5E-02 12 86
13:15----13:45	3.9E+01 6.2E-01 7.5E-03 228	6.3E-03 4.2E-01 1.8E-02 991	1.3E+00 2.1E-02 1.0E-02 13	4.9E-03 1.5E-02 12 84

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
13:30----14:00	4.0E+01 7.5E-01 7.9E-03 225	5.4E-03 4.3E-01 1.8E-02 991	1.3E+00 2.2E-02 1.1E-02 12	6.3E-03 1.4E-02 12 83
13:45----14:15	4.0E+01 9.3E-01 8.6E-03 222	5.8E-03 4.1E-01 1.7E-02 991	1.5E+00 2.3E-02 1.1E-02 12	6.5E-03 1.6E-02 12 81
14:00----14:30	4.0E+01 7.6E-01 7.7E-03 223	6.5E-03 3.9E-01 1.7E-02 991	1.2E+00 2.2E-02 9.9E-03 13	5.5E-03 1.6E-02 12 77
14:15----14:45	3.7E+01 6.1E-01 6.6E-03 225	6.1E-03 3.9E-01 1.8E-02 991	1.5E+00 2.0E-02 9.3E-03 12	4.9E-03 1.5E-02 12 77
14:30----15:00	3.6E+01 5.9E-01 9.7E-03 225	5.1E-03 3.8E-01 1.9E-02 992	1.6E+00 2.0E-02 8.2E-03 10	5.0E-03 1.3E-02 12 82
14:45----15:15	3.9E+01 5.5E-01 1.4E-02 227	4.0E-03 3.6E-01 1.9E-02 992	1.1E+00 2.2E-02 8.7E-03 7	5.4E-03 1.1E-02 12 81
15:00----15:30	4.0E+01 8.2E-01 1.9E-02 216	3.5E-03 3.7E-01 1.9E-02 992	1.5E+00 3.0E-02 9.2E-03 6	5.8E-03 1.5E-02 13 83
15:15----15:45	3.7E+01 7.9E-01 1.7E-02 202	3.6E-03 3.9E-01 1.9E-02 992	1.6E+00 3.1E-02 8.3E-03 7	6.1E-03 1.8E-02 13 88
15:30----16:00	3.7E+01 1.4E+00 2.8E-02 205	3.7E-03 4.2E-01 1.8E-02 992	2.6E+00 4.6E-02 8.2E-03 6	6.2E-03 2.2E-02 13 87

STATISTICS

NUMBER OF READINGS 308

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	2.79E+01	6.60E+01	3.86E+01	4.22E+00	3.84E+01	1.11E+00
H2S	2.30E-03	1.36E-02	5.61E-03	2.09E-03	5.28E-03	1.41E+00
THC	7.95E-01	3.59E+01	1.97E+00	3.55E+00	1.32E+00	1.91E+00
SO2	2.83E-03	1.17E-02	5.39E-03	1.04E-03	5.29E-03	1.21E+00
THC-CH4	3.91E-01	1.98E+01	1.02E+00	1.96E+00	6.91E-01	1.89E+00
CH4	3.36E-01	1.38E+00	4.18E-01	9.67E-02	4.12E-01	1.17E+00
NOX	1.32E-02	1.89E-01	2.85E-02	1.81E-02	2.58E-02	1.48E+00
NO2	1.00E-06	1.94E-01	1.71E-02	1.60E-02	8.56E-03	1.08E+01
NO	2.54E-03	1.91E-01	1.43E-02	1.97E-02	1.06E-02	1.86E+00
OZONE	1.14E-02	2.22E-02	1.76E-02	1.96E-03	1.75E-02	1.12E+00
SOLAR RAD	2.09E-03	1.48E-02	8.80E-03	2.49E-03	8.33E-03	1.44E+00
TEMP	11	14	12	0		
HUMIDITY	195	267	226	13	226	1
BAROMETER	991	993	992	0	992	1
WIND SPEED	0	32	10	7	5	20

MAXIMUM
AVERAGE

CO	4.05E+01
H2S	9.56E-03
THC	3.67E+00
SO2	6.55E-03
THC-CH4	1.98E+00
CH4	4.70E-01
NOX	4.61E-02
NO2	2.23E-02
NO	2.75E-02
OZONE	1.94E-02
SOLAR RAD	1.08E-02
TEMP	13
HUMIDITY	246
BAROMETER	993
WIND SPEED	14
WIND DIRECTION	88

THUNDER BAY #44

DATE: AUG 23 1978
 SCAN TIME: 120 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: RIVERDALE RD. (X2620-Y5650); 3.0KM & 250 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
22:09----22:39	4.0E+01 1.8E+00 2.0E-02 243	1.1E-03 3.3E-01 1.8E-02 991	3.5E+00 3.0E-02 1.5E-05 1	5.1E-03 1.2E-02 13 127
22:19----22:49	4.4E+01 6.8E-01 1.6E-02 245	1.1E-03 2.9E-01 1.9E-02 991	1.6E+00 2.8E-02 2.4E-05 1	5.2E-03 1.3E-02 13 126
22:29----22:59	4.4E+01 5.4E-01 1.5E-02 246	1.1E-03 2.9E-01 2.0E-02 990	1.1E+00 2.4E-02 2.9E-05 1	5.3E-03 1.2E-02 13 120
22:39----23:09	4.4E+01 9.9E-01 1.5E-02 247	9.5E-04 3.3E-01 2.0E-02 990	1.5E+00 2.7E-02 3.0E-05 0	5.8E-03 1.4E-02 13 121
22:49----23:19	4.1E+01 1.8E+00 2.5E-02 249	1.1E-03 3.8E-01 1.9E-02 990	2.7E+00 2.5E-02 3.2E-05 0	6.1E-03 1.4E-02 13 118
22:59----23:29	4.9E+01 2.9E+00 2.8E-02 250	1.2E-03 4.3E-01 1.6E-02 990	3.7E+00 5.4E-02 3.3E-05 1	6.3E-03 4.3E-02 13 115
23:09----23:39	4.9E+01 3.5E+00 2.7E-02 252	1.5E-03 4.7E-01 1.4E-02 990	4.5E+00 5.4E-02 3.3E-05 1	6.0E-03 4.5E-02 13 110
23:19----23:49	4.8E+01 3.1E+00 1.6E-02 253	1.6E-03 4.5E-01 1.2E-02 990	3.3E+00 5.8E-02 3.1E-05 1	5.8E-03 4.5E-02 13 105
23:29----23:59	4.3E+01 2.5E+00 1.2E-02 253	1.5E-03 4.3E-01 1.1E-02 990	3.0E+00 3.3E-02 3.0E-05 1	5.6E-03 1.8E-02 13 108
23:39----00:09	4.4E+01 1.6E+00 1.6E-02 253	1.5E-03 3.9E-01 1.0E-02 990	2.2E+00 3.5E-02 3.1E-05 1	5.6E-03 1.6E-02 13 104

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
23:49----00:19	4.6E+01 1.5E+00 1.5E-02 253	1.4E-03 3.8E-01 1.1E-02 990	3.1E+00 2.8E-02 2.9E-05 1	5.6E-03 1.4E-02 13 88
23:59----00:29	4.5E+01 9.8E-01 1.7E-02 253	1.3E-03 3.6E-01 1.1E-02 990	2.6E+00 2.9E-02 2.8E-05 1	5.4E-03 1.7E-02 13 100
00:09----00:39	4.4E+01 8.8E-01 1.4E-02 252	1.2E-03 3.6E-01 1.3E-02 990	2.1E+00 2.5E-02 2.6E-05 2	5.1E-03 1.6E-02 13 108
00:19----00:49	4.1E+01 6.3E-01 1.4E-02 251	1.1E-03 3.5E-01 1.5E-02 990	1.1E+00 2.4E-02 2.5E-05 2	5.0E-03 1.5E-02 13 125
00:29----00:59	3.7E+01 5.3E-01 1.1E-02 248	1.1E-03 3.5E-01 1.7E-02 990	8.2E-01 1.7E-02 2.6E-05 1	4.8E-03 1.1E-02 12 121
00:39----01:09	3.3E+01 5.6E-01 7.5E-03 248	9.8E-04 3.5E-01 1.8E-02 990	8.3E-01 1.4E-02 2.7E-05 1	4.8E-03 9.1E-03 12 128
00:49----01:19	3.3E+01 1.1E+00 1.0E-02 249	9.7E-04 3.7E-01 1.8E-02 990	1.5E+00 1.6E-02 3.0E-05 1	5.0E-03 9.8E-03 12 128
00:59----01:29	3.5E+01 1.2E+00 1.2E-02 250	9.3E-04 3.8E-01 1.8E-02 990	1.9E+00 2.4E-02 2.9E-05 1	5.4E-03 1.1E-02 12 118
01:09----01:39	3.5E+01 2.0E+00 1.5E-02 248	8.5E-04 4.2E-01 1.8E-02 990	2.7E+00 2.5E-02 2.9E-05 1	5.6E-03 1.1E-02 12 112
01:19----01:49	3.3E+01 1.8E+00 1.1E-02 246	8.0E-04 4.1E-01 1.8E-02 990	2.6E+00 2.8E-02 2.8E-05 1	5.5E-03 1.4E-02 12 100
01:29----01:59	3.1E+01 2.1E+00 1.5E-02 245	7.7E-04 4.2E-01 1.8E-02 990	3.4E+00 2.6E-02 2.9E-05 1	5.7E-03 1.3E-02 12 102

THUNDER BAY #44, CONT'D

PAGE 3

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
01:39----02:09	3.1E+01 1.7E+00 1.8E-02 246	8.5E-04 4.0E-01 1.8E-02 990	3.5E+00 3.8E-02 2.9E-05 1	6.1E-03 2.0E-02 12 89
01:49----02:19	3.1E+01 1.4E+00 2.3E-02 246	7.6E-04 3.9E-01 1.8E-02 990	3.0E+00 3.6E-02 2.9E-05 0	6.3E-03 1.7E-02 12 107
01:59----02:29	3.1E+01 9.8E-01 1.8E-02 246	7.8E-04 3.8E-01 1.8E-02 990	2.0E+00 3.4E-02 2.5E-05 1	6.2E-03 1.8E-02 12 113
02:09----02:39	3.3E+01 4.6E-01 1.6E-02 247	7.5E-04 3.6E-01 1.9E-02 990	9.6E-01 1.9E-02 2.5E-05 1	5.9E-03 8.4E-03 12 130
02:19----02:49	3.4E+01 1.3E+00 1.4E-02 249	7.4E-04 4.1E-01 1.8E-02 990	2.5E+00 2.6E-02 2.5E-05 2	6.0E-03 1.6E-02 12 122
02:29----02:59	3.6E+01 1.6E+00 1.4E-02 250	7.2E-04 4.2E-01 1.8E-02 990	2.8E+00 2.7E-02 2.8E-05 1	6.0E-03 1.6E-02 12 126
02:39----03:09	3.6E+01 1.6E+00 1.1E-02 248	7.1E-04 4.3E-01 1.8E-02 990	2.8E+00 2.6E-02 2.8E-05 1	5.9E-03 1.6E-02 12 118
02:49----03:19	3.6E+01 9.3E-01 5.9E-03 248	6.8E-04 4.0E-01 1.8E-02 990	2.0E+00 1.9E-02 2.7E-05 1	6.4E-03 1.1E-02 12 140
02:59----03:29	3.6E+01 6.2E-01 4.8E-03 246	6.9E-04 3.8E-01 1.9E-02 990	1.5E+00 1.5E-02 2.7E-05 1	6.7E-03 1.0E-02 12 143
03:09----03:39	3.8E+01 6.4E-01 4.8E-03 246	6.5E-04 3.8E-01 1.9E-02 990	1.5E+00 1.5E-02 2.5E-05 1	6.9E-03 1.0E-02 12 143
03:19----03:49	3.9E+01 7.5E-01 5.0E-03 245	6.6E-04 3.8E-01 1.9E-02 991	1.5E+00 1.4E-02 2.7E-05 1	6.3E-03 9.0E-03 11 135

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
03:29----03:59	4.0E+01 1.7E+00 8.2E-03 245	6.9E-04 4.4E-01 1.9E-02 991	2.3E+00 2.9E-02 2.7E-05 1	6.4E-03 2.1E-02 11 123
03:39----04:09	4.0E+01 1.7E+00 8.6E-03 246	6.8E-04 4.4E-01 1.9E-02 991	2.3E+00 3.0E-02 2.7E-05 0	6.5E-03 2.1E-02 11 127
03:49----04:19	4.2E+01 2.0E+00 1.2E-02 246	6.8E-04 4.8E-01 1.8E-02 990	2.9E+00 2.8E-02 2.8E-05 0	6.6E-03 1.7E-02 11 135
03:59----04:29	4.3E+01 1.7E+00 1.2E-02 247	6.4E-04 4.5E-01 1.8E-02 990	2.5E+00 1.3E-02 2.8E-05 0	6.4E-03 5.1E-03 11 136
04:09----04:39	4.5E+01 2.4E+00 1.6E-02 247	7.4E-04 4.9E-01 1.7E-02 991	3.1E+00 1.4E-02 3.1E-05 0	6.6E-03 5.6E-03 12 116
04:19----04:49	4.2E+01 1.8E+00 1.4E-02 247	7.1E-04 4.4E-01 1.7E-02 991	2.1E+00 1.1E-02 2.9E-05 0	6.6E-03 6.2E-03 12 139
04:29----04:59	4.5E+01 2.6E+00 1.6E-02 247	7.6E-04 4.8E-01 1.6E-02 991	3.2E+00 1.4E-02 2.9E-05 0	6.8E-03 6.4E-03 12 127
04:39----05:09	4.3E+01 2.0E+00 1.2E-02 247	6.7E-04 4.5E-01 1.7E-02 991	2.7E+00 1.3E-02 2.7E-05 0	6.7E-03 6.5E-03 11 129
04:49----05:19	4.2E+01 2.0E+00 1.3E-02 249	6.8E-04 4.5E-01 1.7E-02 991	3.2E+00 1.5E-02 2.8E-05 0	6.7E-03 5.3E-03 11 137
04:59----05:29	4.0E+01 1.5E+00 1.3E-02 250	6.6E-04 4.3E-01 1.7E-02 991	3.3E+00 1.7E-02 3.0E-05 0	6.7E-03 5.7E-03 11 136
05:09----05:39	4.4E+01 2.8E+00 1.8E-02 250	8.0E-04 5.0E-01 1.6E-02 991	5.7E+00 2.2E-02 3.1E-05 0	7.1E-03 7.5E-03 11 136

THUNDER BAY #44, CONT'D

PAGE 5

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
05:19----05:49	4.9E+01 3.9E+00 2.0E-02 250	8.8E-04 5.8E-01 1.5E-02 991	6.9E+00 2.8E-02 3.1E-05 0	7.6E-03 1.0E-02 12 98
05:29----05:59	5.1E+01 4.1E+00 2.9E-02 250	9.7E-04 5.9E-01 1.4E-02 991	6.5E+00 2.9E-02 3.0E-05 0	8.0E-03 9.7E-03 12 72
05:39----06:09	4.9E+01 4.4E+00 2.9E-02 251	9.0E-04 6.2E-01 1.4E-02 991	6.2E+00 3.7E-02 3.1E-05 0	8.1E-03 1.4E-02 12 72
05:49----06:19	5.1E+01 4.7E+00 3.8E-02 252	1.1E-03 6.2E-01 1.2E-02 991	7.4E+00 5.2E-02 3.2E-05 0	8.4E-03 2.8E-02 12 43
05:59----06:29	5.1E+01 5.2E+00 3.7E-02 251	1.2E-03 6.6E-01 1.2E-02 991	7.7E+00 5.9E-02 3.3E-05 0	8.7E-03 3.4E-02 12 22
06:09----06:39	5.5E+01 4.7E+00 4.3E-02 249	1.5E-03 6.2E-01 1.2E-02 991	7.5E+00 6.6E-02 3.2E-05 0	9.3E-03 3.7E-02 12 24
06:19----06:49	5.0E+01 5.1E+00 4.5E-02 247	1.4E-03 6.3E-01 1.1E-02 991	8.0E+00 6.9E-02 3.3E-05 0	9.6E-03 3.1E-02 12 76
06:29----06:59	4.8E+01 4.7E+00 4.8E-02 244	1.2E-03 6.2E-01 1.0E-02 992	7.7E+00 7.8E-02 3.8E-05 0	9.8E-03 2.9E-02 12 71
06:39----07:09	4.6E+01 5.2E+00 4.8E-02 241	1.1E-03 6.8E-01 1.1E-02 992	9.2E+00 6.7E-02 5.6E-05 0	1.0E-02 2.3E-02 12 55
06:49----07:19	4.6E+01 4.5E+00 4.3E-02 239	1.1E-03 6.5E-01 1.4E-02 992	6.6E+00 6.5E-02 7.7E-05 0	1.0E-02 2.8E-02 12 54
06:59----07:29	4.8E+01 3.6E+00 3.1E-02 239	1.2E-03 5.8E-01 1.4E-02 992	6.5E+00 5.0E-02 1.1E-04 1	9.8E-03 2.7E-02 12 63

THUNDER BAY #44, CONT'D

PAGE 6

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTI
07:09----07:39	4.7E+01 3.4E+00 3.7E-02 239	1.1E-03 5.4E-01 1.2E-02 992	4.6E+00 6.2E-02 1.4E-04 0	9.7E-03 2.2E-02 12 75
07:19----07:49	4.9E+01 6.0E+00 3.5E-02 240	1.2E-03 7.0E-01 8.8E-03 992	8.1E+00 6.6E-02 2.1E-04 0	1.0E-02 1.5E-02 12 79
07:29----07:59	5.3E+01 7.8E+00 5.9E-02 240	1.3E-03 8.2E-01 4.8E-03 992	1.0E+01 9.7E-02 5.9E-04 0	1.1E-02 3.0E-02 12 304
07:39----08:09	5.0E+01 6.9E+00 5.7E-02 239	1.2E-03 7.6E-01 2.9E-03 992	1.0E+01 1.0E-01 1.6E-03 0	1.1E-02 3.9E-02 12 246
07:49----08:19	4.9E+01 4.5E+00 7.8E-02 236	1.2E-03 6.0E-01 2.7E-03 992	7.8E+00 1.1E-01 2.7E-03 0	1.1E-02 3.7E-02 12 264
07:59----08:29	4.6E+01 3.1E+00 6.1E-02 232	1.1E-03 5.1E-01 3.6E-03 992	5.9E+00 8.6E-02 3.8E-03 0	1.1E-02 2.2E-02 13 141
08:09----08:39	4.7E+01 4.1E+00 5.9E-02 228	1.1E-03 5.5E-01 4.1E-03 992	8.5E+00 7.3E-02 5.1E-03 0	1.0E-02 1.8E-02 13 140
08:19----08:49	4.8E+01 4.8E+00 4.6E-02 222	1.1E-03 6.2E-01 4.8E-03 992	8.3E+00 7.0E-02 6.2E-03 0	1.1E-02 2.6E-02 13 128
08:29----08:59	4.7E+01 5.3E+00 4.8E-02 215	1.2E-03 6.4E-01 5.5E-03 992	8.3E+00 8.2E-02 8.1E-03 0	1.1E-02 3.9E-02 13 59
08:39----09:09	4.8E+01 4.7E+00 5.8E-02 205	1.3E-03 6.3E-01 6.7E-03 993	6.9E+00 9.5E-02 8.4E-03 0	1.1E-02 4.2E-02 14 67
08:49----09:19	4.7E+01 5.1E+00 5.8E-02 196	1.3E-03 6.6E-01 8.1E-03 992	8.1E+00 8.8E-02 8.9E-03 0	1.2E-02 3.4E-02 14 48

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
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STATISTICS

NUMBER OF READINGS 335

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	2.77E+01	8.64E+01	4.28E+01	1.08E+01	4.16E+01	1.25E+01
H2S	1.00E-06	2.56E-03	1.01E-03	4.52E-04	8.72E-04	2.01E-03
THC	7.26E-01	3.30E+01	4.32E+00	5.73E+00	2.15E+00	3.05E+00
SO2	4.10E-03	1.40E-02	7.35E-03	2.26E-03	7.04E-03	1.34E-03
THC-CH4	3.44E-01	1.49E+01	2.72E+00	3.55E+00	1.25E+00	3.38E+00
CH4	2.57E-01	1.33E+00	4.83E-01	2.24E-01	4.46E-01	1.45E+00
NOX	7.94E-03	3.43E-01	4.12E-02	4.38E-02	2.83E-02	2.30E+00
NO2	1.00E-06	1.87E-01	1.89E-02	2.85E-02	2.23E-03	4.62E-01
NO	2.18E-03	3.10E-01	2.54E-02	3.26E-02	1.49E-02	2.75E+00
OZONE	1.08E-03	2.19E-02	1.43E-02	5.28E-03	1.28E-02	1.75E+00
SOLAR RAD	1.00E-06	1.26E-02	8.36E-04	2.28E-03	6.12E-05	6.47E+00
TEMP	11	14	12	1		
HUMIDITY	179	255	243	13	243	
BAROMETER	989	993	991	1	991	
WIND SPEED	0	7	1	1	0	74

MAXIMUM
AVERAGE

CO	5.47E+01
H2S	1.57E-03
THC	1.04E+01
SO2	1.21E-02
THC-CH4	7.84E+00
CH4	8.15E-01
NOX	1.13E-01
NO2	4.55E-02
NO	7.78E-02
OZONE	2.02E-02
SOLAR RAD	8.95E-03
TEMP	14
HUMIDITY	253
BAROMETER	993
WIND SPEED	2
WIND DIRECTION	304

THUNDER BAY #45

DATE: AUG 24 1978

SCAN TIME: 150 SEC

AVERAGING TIME: 30 MIN

LOCATION: MILES & MAY STS; BKGD DATA (X3375-Y6140); 6.1KM & 045 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
11:24----11:54	3.5E+01 3.2E-01 2.1E-02 129	1.7E-02 1.3E-01 2.1E-02 996	4.5E-01 3.8E-02 2.0E-02 3	1.3E-02 2.1E-02 15 101
11:34----12:04	3.5E+01 1.8E-01 2.3E-02 128	1.1E-02 1.3E-01 2.3E-02 996	3.3E-01 4.2E-02 2.2E-02 3	1.4E-02 2.3E-02 15 91
11:44----12:14	3.5E+01 1.5E-01 2.6E-02 126	7.2E-03 1.2E-01 2.3E-02 996	2.8E-01 4.2E-02 2.3E-02 3	1.4E-02 2.0E-02 15 90
11:54----12:24	3.6E+01 1.8E-01 2.4E-02 125	5.1E-03 1.2E-01 2.2E-02 996	3.6E-01 4.4E-02 2.3E-02 3	1.4E-02 2.3E-02 15 89
12:04----12:34	3.6E+01 2.2E-01 2.1E-02 128	3.9E-03 1.2E-01 2.2E-02 996	4.0E-01 3.9E-02 2.2E-02 3	1.3E-02 2.1E-02 15 112
12:14----12:44	3.7E+01 1.4E+00 1.9E-02 131	3.0E-03 1.7E-01 2.1E-02 996	1.2E+00 4.5E-02 2.1E-02 2	1.1E-02 2.5E-02 15 133
12:24----12:54	3.6E+01 1.6E+00 2.4E-02 134	1.9E-03 1.9E-01 2.2E-02 996	1.1E+00 4.4E-02 1.9E-02 2	9.4E-03 1.7E-02 15 130
12:34----13:04	3.6E+01 1.6E+00 3.2E-02 136	8.5E-04 1.9E-01 2.2E-02 996	1.1E+00 5.0E-02 1.7E-02 1	7.8E-03 1.7E-02 15 138
12:44----13:14	3.4E+01 4.2E-01 3.5E-02 137	2.0E-04 1.3E-01 2.0E-02 996	4.0E-01 5.0E-02 1.8E-02 2	6.2E-03 1.6E-02 15 117
12:54----13:24	3.2E+01 2.2E-01 6.4E-02 136	4.3E-05 9.3E-02 1.9E-02 997	4.1E-01 5.1E-02 2.1E-02 3	5.3E-03 1.9E-02 15 126

THUNDER BAY #45, CONT'D

PAGE 2

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
13:04----13:34	3.2E+01 3.6E-01 6.1E-02 134	4.0E-05 6.3E-02 1.9E-02 997	5.9E-01 5.3E-02 2.2E-02 3	4.9E-03 1.9E-02 15 122
13:14----13:44	3.1E+01 6.2E-01 6.0E-02 133	1.0E-06 3.9E-02 1.9E-02 997	9.1E-01 4.9E-02 2.2E-02 3	4.6E-03 1.8E-02 16 126
13:24----13:54	3.1E+01 6.0E-01 2.7E-02 138	1.0E-06 3.5E-02 1.9E-02 997	9.5E-01 4.5E-02 2.2E-02 4	4.0E-03 1.5E-02 15 115
13:34----14:04	3.1E+01 5.1E-01 2.8E-02 140	1.0E-06 3.6E-02 1.9E-02 997	8.9E-01 3.9E-02 2.3E-02 4	3.5E-03 1.4E-02 15 119
13:44----14:14	3.1E+01 2.9E-01 2.9E-02 140	1.0E-06 4.4E-02 1.8E-02 997	5.8E-01 4.3E-02 2.4E-02 4	3.5E-03 1.6E-02 15 123
13:54----14:24	3.1E+01 4.0E-01 3.0E-02 136	1.0E-06 5.8E-02 1.7E-02 997	5.3E-01 4.9E-02 2.6E-02 3	4.3E-03 1.6E-02 16 129
14:04----14:34	3.1E+01 3.6E-01 3.1E-02 130	1.0E-06 6.0E-02 1.8E-02 997	4.1E-01 5.9E-02 2.7E-02 3	6.3E-03 2.1E-02 16 132

STATISTICS

NUMBER OF READINGS 78

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	2.55E+01	4.33E+01	3.32E+01	3.74E+00	3.30E+01	1.12E+00
H2S	1.00E-06	3.05E-02	3.63E-03	6.43E-03	5.63E-05	7.19E+01
THC	7.07E-02	7.66E+00	6.11E-01	9.18E-01	4.12E-01	2.21E+00
SO2	2.51E-03	1.56E-02	8.29E-03	4.07E-03	7.26E-03	1.71E+00
THC-CH4	2.28E-02	1.15E+01	5.26E-01	1.38E+00	2.35E-01	2.93E+00
CH4	6.11E-03	8.05E-01	9.89E-02	9.25E-02	7.84E-02	2.00E+00
NOX	1.94E-02	8.84E-02	4.61E-02	1.61E-02	4.37E-02	1.38E+00
NO2	1.00E-06	6.04E-02	1.85E-02	1.37E-02	5.14E-03	2.83E+01
NO	1.06E-02	3.84E-01	3.17E-02	4.20E-02	2.61E-02	1.63E+00
OZONE	1.23E-02	2.61E-02	2.02E-02	3.20E-03	1.99E-02	1.19E+00
SOLAR RAD	1.66E-02	3.29E-02	2.23E-02	3.67E-03	2.20E-02	1.18E+00
TEMP	14	17	15	1		
HUMIDITY	112	150	132	7	132	1
BAROMETER	995	997	996	0	996	1
WIND SPEED	0	7	3	2	2	7

MAXIMUM
AVERAGE

CO	3.70E+01
H2S	1.65E-02
THC	1.18E+00
SO2	1.42E-02
THC-CH4	1.62E+00
CH4	1.88E-01
NOX	5.89E-02
NO2	2.52E-02
NO	6.43E-02
OZONE	2.30E-02
SOLAR RAD	2.75E-02
TEMP	16
HUMIDITY	140
BAROMETER	997
WIND SPEED	4
WIND DIRECTION	138

THUNDER BAY #46

DATE: AUG 24 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: MCKELLAR & VICTORIA STS (X3345-Y6130); 5.8KM & 045 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
14:57-----15:27	2.7E+01 1.5E+00 6.6E-02 108	6.2E-06 8.2E-02 1.6E-02 997	2.3E+00 9.2E-02 2.7E-02 4	5.9E-03 3.2E-02 17 110
15:12-----15:42	2.6E+01 8.3E-01 5.4E-02 112	1.7E-04 5.3E-02 1.8E-02 997	1.3E+00 6.9E-02 2.6E-02 4	3.6E-03 1.8E-02 17 120
15:27-----15:57	2.6E+01 8.0E-01 4.0E-02 118	4.7E-04 5.9E-02 1.7E-02 996	1.3E+00 6.9E-02 2.3E-02 5	3.1E-03 3.6E-02 17 111
15:42-----16:12	2.8E+01 7.9E-01 4.1E-02 118	4.7E-04 7.4E-02 1.7E-02 996	1.1E+00 8.2E-02 2.3E-02 7	3.7E-03 4.8E-02 17 100
15:57-----16:27	2.8E+01 6.4E-01 3.9E-02 113	1.7E-04 6.6E-02 1.8E-02 996	8.8E-01 7.2E-02 2.3E-02 7	4.0E-03 3.6E-02 17 97
16:12-----16:42	2.7E+01 5.1E-01 3.5E-02 119	3.7E-04 5.0E-02 1.8E-02 996	7.6E-01 5.3E-02 2.4E-02 6	4.0E-03 2.2E-02 16 94
16:27-----16:57	3.0E+01 1.5E+00 7.0E-02 122	6.1E-04 9.3E-02 1.3E-02 996	2.3E+00 8.9E-02 2.3E-02 4	4.6E-03 4.1E-02 17 91
16:42-----17:12	3.1E+01 1.4E+00 7.5E-02 121	6.4E-04 8.7E-02 1.3E-02 996	2.1E+00 9.2E-02 2.1E-02 4	5.0E-03 4.0E-02 17 99
16:57-----17:27	3.0E+01 4.5E-01 4.4E-02 131	1.1E-03 4.2E-02 1.4E-02 996	6.7E-01 5.7E-02 2.0E-02 5	6.9E-03 2.0E-02 16 114
17:12-----17:42	3.3E+01 6.5E-01 6.0E-02 136	1.5E-03 4.4E-02 1.1E-02 996	1.1E+00 8.3E-02 1.7E-02 3	1.2E-02 3.5E-02 16 121

THUNDER BAY #46, CONT'D

PAGE 2

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
17:27----17:57	3.3E+01 6.1E-01 7.5E-02 137	1.7E-03 5.3E-02 1.0E-02 996	1.0E+00 9.4E-02 1.5E-02 3	1.6E-02 2.4E-02 16 106
17:42----18:12	3.2E+01 5.7E-01 5.8E-02 140	1.8E-03 9.0E-02 1.2E-02 996	6.3E-01 7.1E-02 1.5E-02 3	1.5E-02 1.0E-02 16 102
17:57----18:27	3.2E+01 8.1E-01 5.1E-02 140	1.9E-03 1.3E-01 1.2E-02 996	5.9E-01 5.6E-02 1.6E-02 3	1.1E-02 2.0E-02 16 94
18:12----18:42	3.5E+01 1.2E+00 5.2E-02 135	1.9E-03 1.7E-01 9.6E-03 996	1.6E+00 7.0E-02 1.3E-02 1	1.1E-02 3.2E-02 17 107
18:27----18:57	3.7E+01 1.0E+00 3.8E-02 132	2.0E-03 1.7E-01 7.5E-03 996	1.8E+00 6.8E-02 1.0E-02 1	1.1E-02 3.0E-02 17 128
18:42----19:12	3.5E+01 7.3E-01 3.6E-02 136	2.0E-03 1.7E-01 9.2E-03 996	8.2E-01 4.5E-02 8.6E-03 2	8.7E-03 1.7E-02 17 100
18:57----19:27	3.3E+01 1.5E+00 5.3E-02 137	1.8E-03 2.1E-01 9.3E-03 995	2.1E+00 7.6E-02 7.4E-03 1	7.8E-03 2.0E-02 17 106
19:12----19:42	3.5E+01 1.7E+00 6.4E-02 134	1.7E-03 2.3E-01 8.6E-03 995	2.4E+00 1.2E-01 6.2E-03 0	8.0E-03 4.0E-02 17 171
19:27----19:57	3.6E+01 1.5E+00 7.4E-02 132	1.5E-03 2.5E-01 8.5E-03 996	2.3E+00 1.2E-01 4.5E-03 1	7.6E-03 3.8E-02 17 123
19:42----20:12	3.8E+01 1.9E+00 7.1E-02 134	1.5E-03 2.9E-01 8.6E-03 995	2.4E+00 9.1E-02 3.1E-03 1	7.3E-03 1.4E-02 17 107
19:57----20:27	3.6E+01 1.3E+00 5.5E-02 140	1.4E-03 2.7E-01 8.7E-03 995	1.3E+00 6.2E-02 2.1E-03 0	6.9E-03 1.1E-02 16 109

THUNDER BAY #46, CONT'D

PAGE 3

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
20:12----20:42	3.4E+01 5.8E-01 3.9E-02 149	1.2E-03 2.4E-01 8.1E-03 995	1.6E+00 5.3E-02 1.2E-03 1	7.1E-03 1.8E-02 16 122
20:27----20:57	3.4E+01 4.6E-01 3.7E-02 158	1.0E-03 2.4E-01 9.1E-03 996	1.3E+00 4.9E-02 5.0E-04 1	1.5E-02 2.0E-02 15 108
20:42----21:12	3.4E+01 3.6E-01 3.7E-02 165	1.0E-03 2.5E-01 7.6E-03 996	8.8E-01 5.3E-02 1.9E-04 1	2.8E-02 1.9E-02 15 93
20:57----21:27	3.5E+01 7.2E-01 3.2E-02 166	1.1E-03 2.8E-01 4.2E-03 996	1.2E+00 6.4E-02 7.0E-05 0	3.9E-02 2.9E-02 15 67
21:12----21:42	3.4E+01 8.9E-01 3.6E-02 165	1.1E-03 3.0E-01 4.7E-03 996	1.4E+00 6.8E-02 4.1E-05 1	3.9E-02 3.0E-02 15 41

STATISTICS

NUMBER OF READINGS 167

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	2.00E+01	4.87E+01	3.23E+01	4.74E+00	3.20E+01	1.16E+00
H2S	1.00E-06	2.36E-03	1.14E-03	6.71E-04	4.27E-04	1.25E+01
THC	1.55E-01	1.34E+01	1.45E+00	1.87E+00	9.29E-01	2.41E+00
SO2	1.92E-03	4.65E-02	1.19E-02	1.05E-02	8.84E-03	2.09E+00
THC-CH4	1.49E-02	7.16E+00	9.54E-01	1.22E+00	5.62E-01	2.84E+00
CH4	1.33E-02	5.86E-01	1.58E-01	1.05E-01	1.19E-01	2.27E+00
NOX	2.13E-02	2.53E-01	7.32E-02	4.51E-02	6.36E-02	1.66E+00
NO2	1.00E-06	1.75E-01	2.69E-02	3.30E-02	3.72E-03	5.10E+01
NO	1.29E-02	2.84E-01	5.03E-02	3.90E-02	4.09E-02	1.84E+00
OZONE	7.76E-04	2.22E-02	1.11E-02	4.88E-03	9.81E-03	1.74E+00
SOLAR RAD	3.32E-05	2.95E-02	1.23E-02	9.68E-03	4.50E-03	8.54E+00
TEMP	15	18	16	1		
HUMIDITY	106	174	136	18	135	1
BAROMETER	995	997	996	0	996	1
WIND SPEED	0	14	3	3	0	137

MAXIMUM
AVERAGE

CO	3.77E+01
H2S	2.03E-03
THC	2.40E+00
SO2	3.95E-02
THC-CH4	1.85E+00
CH4	3.04E-01
NOX	1.23E-01
NO2	4.83E-02
NO	7.53E-02
OZONE	1.77E-02
SOLAR RAD	2.70E-02
TEMP	17
HUMIDITY	166
BAROMETER	997
WIND SPEED	7
WIND DIRECTION	171

THUNDER BAY #48

DATE: AUG 24 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: M.O.E. LAB (X3040-Y6070); 3.5KM & 020 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
22:27----22:57	3.2E+01 6.6E-01 8.2E-03 163	1.9E-03 2.6E-01 3.8E-03 997	1.1E+00 2.8E-02 3.2E-06 2	1.1E-02 2.3E-02 16 112
22:42----23:12	3.2E+01 2.8E-01 6.3E-03 160	2.2E-03 2.4E-01 6.1E-03 997	3.6E-01 2.3E-02 9.0E-06 2	8.0E-03 1.9E-02 16 113
22:57----23:27	3.3E+01 4.7E-01 6.1E-03 163	2.4E-03 2.3E-01 6.4E-03 997	6.1E-01 2.3E-02 1.5E-05 1	6.0E-03 1.9E-02 16 115
23:12----23:42	3.3E+01 4.2E-01 6.0E-03 165	2.3E-03 2.4E-01 7.5E-03 997	6.6E-01 2.1E-02 2.0E-05 1	5.2E-03 1.8E-02 16 114
23:27----23:57	3.4E+01 5.2E-01 5.3E-03 162	2.2E-03 2.5E-01 8.2E-03 997	9.7E-01 2.0E-02 2.4E-05 0	5.0E-03 1.7E-02 16 111
23:42----00:12	3.4E+01 8.8E-01 6.4E-03 161	2.1E-03 2.6E-01 6.2E-03 997	1.3E+00 2.3E-02 2.1E-05 0	4.7E-03 1.9E-02 16 111
23:57----00:27	3.4E+01 1.8E+00 9.7E-03 162	2.0E-03 2.7E-01 2.4E-03 997	2.1E+00 3.1E-02 1.8E-05 0	4.3E-03 2.5E-02 16 271
00:12----00:42	3.4E+01 2.1E+00 1.1E-02 165	1.9E-03 2.8E-01 1.8E-03 997	2.1E+00 3.5E-02 2.0E-05 0	4.0E-03 2.7E-02 16 33
00:27----00:57	3.4E+01 7.7E-01 1.0E-02 170	1.9E-03 3.1E-01 3.4E-03 997	6.6E-01 3.1E-02 2.2E-05 0	3.8E-03 2.3E-02 15 350
00:42----01:12	3.5E+01 1.3E-01 1.2E-02 170	1.7E-03 3.4E-01 2.3E-03 997	3.7E-01 3.3E-02 2.3E-05 0	3.7E-03 2.4E-02 15 303

THUNDER BAY #48, CONT'D

PAGE 2

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
00:57----01:27	3.5E+01 9.4E-01 1.6E-02 170	1.5E-03 3.6E-01 6.0E-04 997	1.1E+00 4.0E-02 2.3E-05 0	3.6E-03 2.7E-02 16 156
01:12----01:42	3.5E+01 9.4E-01 1.9E-02 170	1.3E-03 3.7E-01 7.3E-04 997	1.1E+00 4.2E-02 2.1E-05 0	3.6E-03 2.7E-02 16 69
01:27----01:57	3.6E+01 3.8E-01 1.8E-02 170	1.2E-03 3.7E-01 1.0E-03 997	8.7E-01 4.2E-02 2.0E-05 0	3.7E-03 2.7E-02 16 37
01:42----02:12	3.7E+01 6.5E-01 1.6E-02 170	1.1E-03 3.8E-01 1.3E-03 997	1.6E+00 4.2E-02 2.1E-05 0	3.9E-03 2.7E-02 15 37
01:57----02:27	3.7E+01 1.2E+00 1.5E-02 170	1.1E-03 3.8E-01 1.7E-03 997	2.5E+00 3.9E-02 2.1E-05 0	3.9E-03 2.7E-02 15 45
02:12----02:42	3.6E+01 1.1E+00 1.2E-02 168	9.6E-04 3.8E-01 1.5E-03 997	2.3E+00 3.6E-02 2.2E-05 0	3.9E-03 2.7E-02 16 30
02:27----02:57	3.7E+01 1.4E+00 9.7E-03 163	8.8E-04 3.9E-01 7.9E-04 997	2.4E+00 3.4E-02 2.2E-05 0	3.8E-03 2.8E-02 16 278
02:42----03:12	3.7E+01 1.2E+00 9.2E-03 161	8.2E-04 3.8E-01 9.0E-04 997	2.2E+00 3.4E-02 2.2E-05 0	3.9E-03 2.8E-02 16 279
02:57----03:27	3.7E+01 6.0E-01 9.6E-03 165	7.7E-04 3.7E-01 1.5E-03 996	1.1E+00 3.4E-02 2.2E-05 0	4.0E-03 2.8E-02 16 26
03:12----03:42	3.8E+01 5.1E-01 9.6E-03 167	7.3E-04 3.7E-01 1.7E-03 996	8.4E-01 3.3E-02 2.0E-05 0	3.9E-03 2.7E-02 16 27
03:27----03:57	3.8E+01 2.5E-01 1.3E-02 169	7.2E-04 3.9E-01 9.0E-04 996	5.4E-01 3.8E-02 1.9E-05 0	3.9E-03 2.8E-02 16 33

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
03:42----04:12	3.7E+01 2.8E-01 1.4E-02 175	6.6E-04 4.0E-01 4.8E-04 996	5.7E-01 3.7E-02 1.6E-05 0	4.6E-03 2.7E-02 15 33
03:57----04:27	3.8E+01 4.1E-01 1.0E-02 180	5.4E-04 3.8E-01 1.5E-03 996	8.2E-01 3.0E-02 1.8E-05 0	5.1E-03 2.2E-02 15 34
04:12----04:42	3.8E+01 4.7E-01 1.0E-02 183	4.8E-04 3.8E-01 2.3E-03 996	8.3E-01 2.8E-02 2.1E-05 0	4.6E-03 2.1E-02 15 35
04:27----04:57	3.8E+01 4.6E-01 9.9E-03 182	5.1E-04 3.8E-01 3.5E-03 996	8.5E-01 2.6E-02 2.1E-05 0	3.8E-03 1.9E-02 15 33
04:42----05:12	3.8E+01 2.8E-01 8.5E-03 178	4.9E-04 3.8E-01 4.7E-03 996	6.8E-01 2.3E-02 2.1E-05 0	3.6E-03 1.7E-02 15 185
04:57----05:27	3.7E+01 3.8E-01 9.5E-03 177	4.4E-04 3.9E-01 4.4E-03 996	8.1E-01 2.4E-02 2.0E-05 0	3.8E-03 1.6E-02 16 132
05:12----05:42	3.7E+01 4.1E-01 1.0E-02 182	4.0E-04 3.9E-01 4.0E-03 996	7.3E-01 2.3E-02 2.0E-05 0	3.8E-03 1.5E-02 15 310
05:27----05:57	3.7E+01 1.1E+00 8.8E-03 187	3.9E-04 3.8E-01 4.6E-03 996	9.0E-01 2.0E-02 2.0E-05 0	3.8E-03 1.3E-02 15 309
05:42----06:12	3.7E+01 2.0E+00 8.0E-03 197	4.1E-04 3.8E-01 5.6E-03 996	1.6E+00 1.9E-02 1.7E-05 0	3.7E-03 1.3E-02 15 260
05:57----06:27	3.7E+01 1.2E+00 8.9E-03 205	3.9E-04 3.8E-01 4.8E-03 997	1.2E+00 2.2E-02 1.7E-05 1	3.7E-03 1.5E-02 15 279
06:12----06:42	3.8E+01 1.2E+00 1.8E-02 206	3.3E-04 3.7E-01 2.2E-03 997	1.3E+00 3.3E-02 1.9E-05 1	3.6E-03 1.8E-02 15 281

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
06:27----06:57	3.8E+01 1.1E+00 2.1E-02 205	2.7E-04 3.6E-01 7.5E-04 996	1.2E+00 3.9E-02 2.7E-05 0	3.5E-03 2.0E-02 15 74
06:42----07:12	3.8E+01 3.4E-01 1.3E-02 199	2.5E-04 3.5E-01 9.5E-04 997	1.1E+00 3.0E-02 6.4E-05 0	3.6E-03 1.9E-02 15 52
06:57----07:27	3.8E+01 1.5E+00 1.3E-02 194	2.6E-04 3.5E-01 7.9E-04 997	2.4E+00 3.1E-02 3.0E-04 0	3.7E-03 2.1E-02 15 29
07:12----07:42	3.7E+01 1.5E+00 1.8E-02 192	3.2E-04 3.5E-01 1.7E-04 997	2.1E+00 3.8E-02 6.8E-04 0	3.8E-03 2.3E-02 15 357
07:27----07:57	3.8E+01 5.4E-01 4.4E-02 191	4.1E-04 3.5E-01 8.7E-05 997	9.2E-01 6.5E-02 1.4E-03 0	4.0E-03 2.4E-02 16 17
07:42----08:12	3.8E+01 1.2E+00 7.6E-02 193	4.4E-04 3.6E-01 7.4E-05 997	1.6E+00 1.0E-01 2.2E-03 1	4.4E-03 2.7E-02 15 31
07:57----08:27	3.8E+01 1.7E+00 7.0E-02 198	4.3E-04 3.6E-01 2.2E-04 997	2.3E+00 9.9E-02 3.0E-03 1	4.4E-03 2.8E-02 15 44
08:12----08:42	3.8E+01 1.5E+00 4.9E-02 195	4.2E-04 3.6E-01 4.0E-04 997	2.1E+00 7.5E-02 4.1E-03 0	4.3E-03 2.7E-02 16 47

STATISTICS

NUMBER OF READINGS 414

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	2.94E+01	3.99E+01	3.63E+01	2.07E+00	3.62E+01	1.06E+00
H2S	1.00E-06	2.64E-03	9.82E-04	7.02E-04	7.07E-04	2.75E-04
THC	1.21E-02	1.88E+01	1.28E+00	2.35E+00	5.08E-01	3.72E+00
SO2	2.37E-03	1.28E-02	4.42E-03	1.63E-03	4.24E-03	1.30E-03
THC-CH4	1.00E-06	1.49E+01	8.76E-01	1.96E+00	1.33E-02	3.10E+02
CH4	1.98E-01	5.15E-01	3.47E-01	5.25E-02	3.42E-01	1.18E+00
NOX	1.68E-02	1.42E-01	3.68E-02	2.11E-02	3.31E-02	1.53E+00
NO2	2.52E-03	4.80E-02	2.26E-02	6.03E-03	2.17E-02	1.35E+00
NO	3.91E-03	1.27E-01	1.67E-02	1.82E-02	1.24E-02	1.95E+00
OZONE	1.00E-06	9.86E-03	2.50E-03	2.51E-03	9.46E-04	8.79E+00
SOLAR RAD	1.00E-06	6.19E-03	3.87E-04	1.04E-03	3.59E-05	6.35E+00
TEMP	15	16	15	0		
HUMIDITY	157	211	178	15	177	1
BAROMETER	996	997	997	0	997	1
WIND SPEED	0	4	0	1	0	316

MAXIMUM
AVERAGE

CO	3.81E+01
H2S	2.36E-03
THC	2.48E+00
SO2	1.06E-02
THC-CH4	2.08E+00
CH4	3.98E-01
NOX	1.01E-01
NO2	2.83E-02
NO	7.56E-02
OZONE	8.20E-03
SOLAR RAD	4.12E-03
TEMP	16
HUMIDITY	206
BAROMETER	997
WIND SPEED	2
WIND DIRECTION	357

THUNDER BAY #50

DATE: AUG 25 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: NEEBING & MONTREAL STS (X2920-Y5830); 1.0KM & 005 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
23:28----23:58	3.0E+01 2.3E+00 7.6E-02 249	2.5E-02 1.2E+00 2.4E-04 992	3.7E+00 1.0E-01 6.2E-06 2	8.8E-03 3.5E-02 14 333
23:43----00:13	3.1E+01 2.2E+00 6.1E-02 245	1.3E-02 1.1E+00 2.2E-04 992	3.6E+00 8.5E-02 9.0E-06 1	4.0E-03 2.6E-02 13 357
23:58----00:28	3.2E+01 2.4E+00 6.1E-02 247	8.5E-03 1.2E+00 6.1E-05 992	4.1E+00 8.0E-02 1.1E-05 0	2.4E-03 2.4E-02 13 43
00:13----00:43	3.2E+01 2.5E+00 6.5E-02 245	6.5E-03 1.2E+00 7.4E-05 992	4.3E+00 8.5E-02 1.3E-05 0	1.2E-03 2.6E-02 13 22
00:28----00:58	3.1E+01 2.4E+00 7.0E-02 246	5.5E-03 1.2E+00 7.7E-05 992	4.1E+00 9.0E-02 1.6E-05 0	6.4E-04 2.6E-02 14 229
00:43----01:13	3.0E+01 2.3E+00 6.9E-02 250	4.8E-03 1.2E+00 5.7E-04 992	3.8E+00 8.8E-02 1.8E-05 0	5.5E-04 2.4E-02 14 17
00:58----01:28	2.9E+01 2.4E+00 5.2E-02 262	4.2E-03 1.3E+00 3.4E-03 992	3.6E+00 6.7E-02 1.3E-05 1	4.0E-04 1.9E-02 14 106
01:13----01:43	3.8E+01 3.6E+00 4.3E-02 278	3.7E-03 1.4E+00 7.1E-03 992	4.4E+00 5.7E-02 1.3E-05 1	2.8E-04 1.9E-02 14 120
01:28----01:58	4.2E+01 4.5E+00 4.8E-02 271	3.6E-03 1.5E+00 7.3E-03 992	5.1E+00 6.6E-02 1.4E-05 0	6.3E-04 2.2E-02 14 182
01:43----02:13	3.3E+01 3.7E+00 4.8E-02 258	3.2E-03 1.4E+00 4.0E-03 992	4.3E+00 7.3E-02 1.4E-05 0	5.3E-04 2.8E-02 14 272

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
01:58----02:28	3.4E+01 3.1E+00 4.4E-02 258	3.0E-03 1.4E+00 4.0E-03 992	4.5E+00 6.8E-02 1.6E-05 0	3.3E-04 2.7E-02 14 274
02:13----02:43	3.6E+01 3.3E+00 4.1E-02 252	3.1E-03 1.4E+00 9.3E-03 992	6.6E+00 5.3E-02 1.8E-05 0	3.9E-04 1.6E-02 14 211
02:28----02:58	4.3E+01 4.5E+00 6.0E-02 239	2.9E-03 1.5E+00 8.7E-03 992	7.2E+00 6.8E-02 2.0E-05 0	9.7E-04 1.9E-02 14 148
02:43----03:13	4.1E+01 3.9E+00 6.0E-02 234	2.8E-03 1.4E+00 5.9E-03 992	5.2E+00 7.5E-02 1.6E-05 0	1.1E-03 2.4E-02 14 79
02:58----03:28	2.9E+01 2.1E+00 3.6E-02 239	2.5E-03 1.2E+00 9.6E-03 992	3.6E+00 5.3E-02 1.5E-05 0	2.9E-04 1.9E-02 14 73
03:13----03:43	2.9E+01 2.0E+00 3.1E-02 241	2.5E-03 1.2E+00 1.6E-02 992	3.3E+00 4.5E-02 2.0E-05 1	9.4E-05 1.6E-02 14 71
03:28----03:58	2.8E+01 1.9E+00 2.8E-02 244	2.4E-03 1.2E+00 2.0E-02 992	3.2E+00 4.0E-02 1.7E-05 2	9.6E-06 1.4E-02 14 95
03:43----04:13	2.7E+01 2.2E+00 2.4E-02 261	2.3E-03 1.2E+00 2.1E-02 992	3.1E+00 3.6E-02 1.4E-05 2	3.9E-05 1.4E-02 13 103
03:58----04:28	2.7E+01 2.1E+00 1.9E-02 279	2.2E-03 1.2E+00 2.4E-02 993	3.0E+00 2.9E-02 1.7E-05 4	9.9E-05 1.2E-02 13 110
04:13----04:43	2.7E+01 1.7E+00 1.3E-02 285	2.1E-03 1.2E+00 3.0E-02 993	3.0E+00 2.0E-02 1.9E-05 5	3.6E-04 8.7E-03 13 125
04:28----04:58	2.7E+01 1.7E+00 1.1E-02 282	2.0E-03 1.2E+00 3.2E-02 993	3.0E+00 1.7E-02 2.1E-05 4	4.3E-04 7.1E-03 13 141

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
04:43----05:13	2.7E+01 1.8E+00 1.5E-02 278	2.0E-03 1.2E+00 3.1E-02 993	3.1E+00 2.1E-02 2.1E-05 2	3.0E-04 7.3E-03 13 149
04:58----05:28	2.7E+01 1.8E+00 1.9E-02 275	2.0E-03 1.2E+00 3.1E-02 993	3.2E+00 2.6E-02 1.8E-05 2	2.7E-04 9.0E-03 13 142
05:13----05:43	2.5E+01 1.8E+00 1.7E-02 279	1.9E-03 1.2E+00 3.1E-02 994	3.1E+00 2.4E-02 2.0E-05 4	1.2E-04 9.3E-03 13 146
05:28----05:58	2.5E+01 1.8E+00 1.4E-02 282	1.8E-03 1.2E+00 3.1E-02 994	3.2E+00 2.0E-02 2.2E-05 4	2.4E-05 8.0E-03 13 163
05:43----06:13	2.7E+01 1.8E+00 1.2E-02 271	1.8E-03 1.2E+00 3.2E-02 994	3.2E+00 1.8E-02 1.9E-05 3	1.6E-04 7.1E-03 13 161
05:58----06:28	2.7E+01 1.8E+00 1.1E-02 265	1.8E-03 1.2E+00 3.2E-02 994	3.1E+00 1.7E-02 1.8E-05 4	3.3E-04 8.0E-03 13 149
06:13----06:43	2.8E+01 1.8E+00 1.1E-02 263	1.7E-03 1.2E+00 3.2E-02 994	3.2E+00 1.7E-02 2.1E-05 3	3.3E-04 8.9E-03 13 158
06:28----06:58	2.8E+01 1.8E+00 1.3E-02 257	1.7E-03 1.2E+00 3.2E-02 994	3.2E+00 2.0E-02 4.4E-05 1	3.3E-04 8.6E-03 13 168
06:43----07:13	2.6E+01 2.1E+00 1.6E-02 247	1.8E-03 1.3E+00 3.2E-02 994	3.6E+00 2.4E-02 1.2E-04 1	1.7E-03 8.9E-03 14 159
06:58----07:28	2.5E+01 2.1E+00 1.8E-02 249	1.8E-03 1.2E+00 3.1E-02 994	3.5E+00 2.6E-02 3.8E-04 2	2.3E-03 9.7E-03 14 146
07:13----07:43	2.6E+01 1.9E+00 1.7E-02 264	1.8E-03 1.2E+00 3.1E-02 994	3.1E+00 2.4E-02 7.9E-04 3	1.3E-03 9.2E-03 14 151

THUNDER BAY #50, CONT'D

PAGE 4

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
07:28----07:58	2.9E+01 2.3E+00 1.7E-02 262	1.7E-03 1.3E+00 3.1E-02 994	3.3E+00 2.4E-02 1.1E-03 2	9.8E-04 8.4E-03 14 158
07:43----08:13	2.8E+01 2.3E+00 1.8E-02 252	1.6E-03 1.3E+00 3.0E-02 994	4.3E+00 2.5E-02 1.2E-03 2	8.8E-04 8.7E-03 14 146
07:58----08:28	3.1E+01 3.8E+00 2.1E-02 260	1.8E-03 1.4E+00 2.9E-02 994	5.5E+00 2.8E-02 1.4E-03 2	9.8E-04 9.9E-03 14 132
08:13----08:43	3.1E+01 3.8E+00 2.5E-02 267	1.9E-03 1.4E+00 2.8E-02 995	4.8E+00 3.4E-02 2.0E-03 1	1.2E-03 1.2E-02 14 134
08:28----08:58	2.6E+01 2.1E+00 2.1E-02 263	1.7E-03 1.3E+00 3.0E-02 995	3.6E+00 3.1E-02 2.9E-03 2	8.2E-04 1.1E-02 14 159
08:43----09:13	2.4E+01 2.0E+00 1.7E-02 262	1.4E-03 1.3E+00 3.2E-02 995	3.5E+00 2.4E-02 3.4E-03 3	1.6E-04 8.6E-03 14 161
08:58----09:28	2.5E+01 1.8E+00 1.6E-02 259	1.2E-03 1.2E+00 3.2E-02 995	3.2E+00 2.3E-02 3.9E-03 3	9.4E-05 8.6E-03 14 152
09:13----09:43	2.6E+01 1.7E+00 1.6E-02 262	1.5E-03 1.2E+00 3.1E-02 995	3.0E+00 2.2E-02 4.6E-03 4	2.5E-04 9.0E-03 14 153

STATISTICS

NUMBER OF READINGS 626

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.15E+01	1.29E+02	2.97E+01	1.13E+01	2.86E+01	1.27E+00
H2S	8.77E-04	5.27E-02	3.77E-03	5.70E-03	2.60E-03	2.01E+00
THC	2.89E+00	3.24E+01	3.81E+00	2.45E+00	3.55E+00	1.35E+00
SO2	1.00E-06	1.98E-02	1.02E-03	2.26E-03	6.54E-05	2.95E+01
THC-CH4	1.40E+00	2.16E+01	2.40E+00	2.14E+00	2.11E+00	1.48E+00
CH4	1.10E+00	3.45E+00	1.26E+00	2.42E-01	1.24E+00	1.15E+00
NOX	1.44E-02	2.22E-01	4.38E-02	3.05E-02	3.59E-02	1.85E+00
NO2	1.00E-06	1.43E-01	1.50E-02	1.28E-02	9.71E-03	5.08E+00
NO	7.91E-03	2.16E-01	3.20E-02	2.50E-02	2.52E-02	1.95E+00
OZONE	1.00E-06	3.46E-02	1.99E-02	1.31E-02	5.92E-03	1.89E+01
SOLAR RAD	1.00E-06	6.77E-03	7.03E-04	1.44E-03	5.27E-05	1.06E+01
TEMP	13	14	14	0		
HUMIDITY	230	294	260	15	259	1
BAROMETER	991	995	993	1	993	1
WIND SPEED	0	9	2	2	0	590

MAXIMUM
AVERAGE

CO	4.33E+01
H2S	2.51E-02
THC	7.17E+00
SO2	8.82E-03
THC-CH4	4.50E+00
CH4	1.55E+00
NOX	1.04E-01
NO2	3.46E-02
NO	7.62E-02
OZONE	3.23E-02
SOLAR RAD	4.59E-03
TEMP	14
HUMIDITY	285
BAROMETER	995
WIND SPEED	5
WIND DIRECTION	357

THUNDER BAY #52

DATE: SEP 2 1978
 SCAN TIME: 300 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: MDE LAB; BACKGROUND DATA (X3040-Y6070): 3.5KM & 020 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
16:56----17:26	6.9E-04 2.7E-03 0	7.4E-03 3.6E-02 950	6.0E-03 4.9E-02 30	9.2E-03 -40 251
17:11----17:41	4.2E-04 2.6E-03 0	6.5E-03 3.4E-02 950	8.2E-03 4.7E-02 23	1.2E-02 -40 251
17:26----17:56	3.0E-04 3.0E-03 0	6.2E-03 3.3E-02 950	1.0E-02 4.4E-02 22	1.1E-02 -40 251
17:41----18:11	2.4E-04 2.9E-03 0	5.6E-03 3.3E-02 950	7.9E-03 3.7E-02 22	9.1E-03 -40 251
17:56----18:26	1.0E-06 2.4E-03 0	4.9E-03 3.1E-02 950	8.7E-03 3.5E-02 17	1.1E-02 -40 251
18:11----18:41	1.0E-06 3.3E-03 0	4.5E-03 3.0E-02 950	1.0E-02 2.3E-02 16	1.0E-02 -40 251
18:26----18:56	1.0E-06 4.3E-03 0	4.4E-03 3.0E-02 950	1.2E-02 1.6E-02 13	8.1E-03 -40 251
18:41----19:11	1.0E-06 5.3E-03 0	4.0E-03 2.8E-02 950	1.6E-02 2.2E-02 11	1.1E-02 -40 251
18:56----19:26	1.0E-06 5.5E-03 0	3.5E-03 2.7E-02 950	1.3E-02 1.8E-02 15	7.9E-03 -40 251
19:11----19:41	1.0E-06 5.3E-03 0	3.7E-03 2.6E-02 950	3.6E-02 1.0E-02 16	3.7E-02 -40 251
19:26----19:56	1.0E-06 4.4E-03 0	3.7E-03 2.5E-02 950	3.6E-02 7.1E-03 14	4.0E-02 -40 251
19:41----20:11	1.0E-06 7.2E-03 0	3.2E-03 2.3E-02 950	1.2E-02 7.0E-03 14	7.6E-03 -40 251

THUNDER BAY #52, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
19:56----20:26	1.0E-06 9.8E-03 0	3.2E-03 2.3E-02 950	1.6E-02 3.4E-03 13	7.0E-03 -40 251
20:11----20:41	1.0E-06 6.1E-03 0	3.1E-03 2.4E-02 950	1.3E-02 1.3E-03 13	1.1E-02 -40 251
20:26----20:56	1.0E-06 1.5E-02 0	3.2E-03 2.0E-02 950	2.5E-02 3.2E-04 10	2.5E-02 -40 251
20:41----21:11	1.0E-06 2.3E-02 0	3.5E-03 1.3E-02 950	3.7E-02 6.0E-05 5	2.7E-02 -40 251
20:56----21:26	1.0E-06 2.0E-02 0	3.3E-03 9.6E-03 950	3.2E-02 9.2E-06 3	1.6E-02 -40 251
21:11----21:41	1.0E-06 1.6E-02 0	2.9E-03 1.1E-02 950	2.6E-02 1.9E-05 5	1.5E-02 -40 251
21:26----21:56	1.0E-06 7.3E-03 0	3.0E-03 1.9E-02 950	1.7E-02 3.5E-05 9	1.3E-02 -40 251
21:41----22:11	1.0E-06 3.0E-03 0	3.4E-03 2.2E-02 950	9.3E-03 3.8E-05 14	8.8E-03 -40 251
21:56----22:26	1.0E-06 5.1E-03 0	3.6E-03 1.7E-02 950	8.8E-03 3.1E-05 10	8.3E-03 -40 251
22:11----22:41	1.0E-06 8.8E-03 0	3.5E-03 1.2E-02 950	1.4E-02 2.1E-05 4	7.9E-03 -40 251
22:26----22:56	1.0E-06 8.3E-03 0	3.6E-03 1.2E-02 950	1.7E-02 1.3E-05 3	7.7E-03 -40 251
22:41----23:11	1.0E-06 2.8E-02 0	4.4E-03 1.2E-02 950	2.6E-02 6.2E-06 3	1.2E-02 -40 251
22:56----23:26	1.0E-06 3.9E-02 0	5.5E-03 1.0E-02 950	3.4E-02 7.5E-06 3	1.9E-02 -40 251
23:11----23:41	1.0E-06 2.5E-02 0	5.9E-03 1.0E-02 950	3.6E-02 1.6E-05 2	1.9E-02 -40 251

THUNDER BRY #52, CONT'D

PAGE 3

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
23:26----23:56	1.0E-06 1.9E-02 0	5.2E-03 1.1E-02 950	3.4E-02 2.5E-05 2	1.4E-02 -40 251
23:41----00:11	1.0E-06 1.9E-02 0	5.1E-03 8.9E-03 950	3.4E-02 2.0E-05 1	1.5E-02 -40 251
23:56----00:26	1.0E-06 2.0E-02 0	5.5E-03 9.0E-03 950	4.0E-02 1.7E-05 1	2.3E-02 -40 251
00:11----00:41	1.0E-06 1.6E-02 0	5.3E-03 1.0E-02 950	3.8E-02 2.2E-05 2	2.9E-02 -40 251
00:26----00:56	1.0E-06 1.4E-02 0	5.4E-03 1.1E-02 950	3.7E-02 2.1E-05 2	2.8E-02 -40 251
00:41----01:11	1.0E-06 1.6E-02 0	5.8E-03 1.1E-02 950	3.5E-02 1.5E-05 1	2.5E-02 -40 251
00:56----01:26	1.0E-06 1.5E-02 0	5.8E-03 9.7E-03 950	3.0E-02 1.6E-05 0	2.5E-02 -40 251
01:11----01:41	1.0E-06 1.6E-02 0	5.6E-03 7.4E-03 950	3.5E-02 2.8E-05 0	2.6E-02 -40 251
01:26----01:56	1.0E-06 2.7E-02 0	6.0E-03 4.8E-03 950	5.2E-02 2.7E-05 0	2.8E-02 -40 251
01:41----02:11	1.0E-06 3.1E-02 0	6.7E-03 2.7E-03 950	6.4E-02 1.4E-05 0	3.5E-02 -40 251

STATISTICS

NUMBER OF READINGS 112

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.31E-03	5.40E-05	2.25E-04	1.60E-06	5.25E+00
SO2	2.57E-03	8.34E-03	4.73E-03	1.46E-03	4.51E-03	1.36E+00
NOX	2.26E-03	1.74E-01	2.51E-02	2.24E-02	1.82E-02	2.29E+00
NO2	1.00E-06	2.01E-01	1.76E-02	2.17E-02	6.82E-03	1.33E+01
NO	6.80E-04	1.16E-01	1.30E-02	1.53E-02	7.67E-03	2.87E+00
OZONE	1.63E-04	3.69E-02	1.80E-02	1.02E-02	1.42E-02	2.30E+00
SOLAR RAD	1.00E-06	5.70E-02	9.32E-03	1.64E-02	1.88E-04	4.28E+01
TEMP	-40	-40	-40	0		
HUMIDITY	0	0	0	0	0	2
BAROMETER	950	950	950	0	950	1
WIND SPEED	0	38	9	9	1	36

MAXIMUM
AVERAGE

H2S	6.90E-04
SO2	7.38E-03
NOX	6.44E-02
NO2	4.02E-02
NO	3.85E-02
OZONE	3.57E-02
SOLAR RAD	4.88E-02
TEMP	0
HUMIDITY	0
BAROMETER	950
WIND SPEED	30
WIND DIRECTION	251

THUNDER BAY #53

DATE: SEP 3 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: MONTREAL & NEEBING STS. (X2920-Y5830); 1.0KM & 005 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
17:45----18:15	1.3E-02 1.0E-02 65	1.4E-01 2.5E-02 996	2.1E-02 4.0E-02 15	1.2E-02 21 181
18:00----18:30	1.0E-02 1.1E-02 69	1.1E-01 2.6E-02 995	2.0E-02 3.6E-02 15	9.4E-03 20 172
18:15----18:45	8.2E-03 9.5E-03 74	2.1E-02 2.7E-02 995	1.7E-02 3.3E-02 16	7.8E-03 19 164
18:30----19:00	7.0E-03 9.0E-03 76	1.2E-02 2.6E-02 995	1.5E-02 2.9E-02 13	8.1E-03 19 165
18:45----19:15	5.9E-03 9.8E-03 80	8.9E-03 2.6E-02 995	1.8E-02 2.5E-02 13	1.0E-02 19 166
19:00----19:30	5.3E-03 1.2E-02 83	7.2E-03 2.6E-02 995	1.8E-02 2.0E-02 11	1.0E-02 18 165
19:15----19:45	5.0E-03 1.4E-02 87	6.4E-03 2.4E-02 995	1.9E-02 1.5E-02 9	1.0E-02 18 169
19:30----20:00	7.0E-03 1.5E-02 88	7.2E-03 2.1E-02 995	2.9E-02 1.1E-02 8	1.8E-02 18 194
19:45----20:15	8.1E-03 2.7E-02 88	1.3E-02 1.9E-02 995	4.8E-02 7.5E-03 6	2.4E-02 17 207
20:00----20:30	6.6E-03 2.7E-02 100	1.4E-02 2.1E-02 994	4.4E-02 3.4E-03 5	2.0E-02 16 186
20:15----20:45	5.6E-03 1.7E-02 114	9.4E-03 2.2E-02 994	3.1E-02 9.0E-04 5	1.7E-02 16 180
20:30----21:00	4.6E-03 1.5E-02 118	8.0E-03 2.4E-02 994	2.7E-02 2.5E-04 6	1.5E-02 15 171

THUNDER BAY #53, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
20:45----21:15	4.0E-03 1.2E-02 120	7.7E-03 2.4E-02 994	2.0E-02 3.7E-05 7	1.0E-02 15 174
21:00----21:30	4.0E-03 1.6E-02 121	7.9E-03 1.7E-02 994	3.4E-02 5.6E-06 6	2.2E-02 15 200
21:15----21:45	3.9E-03 1.8E-02 121	7.9E-03 1.5E-02 994	4.3E-02 6.2E-06 6	3.0E-02 15 216
21:30----22:00	3.7E-03 1.4E-02 123	7.6E-03 2.2E-02 994	2.9E-02 3.0E-06 5	1.9E-02 14 194
21:45----22:15	3.4E-03 1.6E-02 124	7.4E-03 2.0E-02 994	3.2E-02 4.9E-06 4	1.8E-02 14 199
22:00----22:30	2.9E-03 1.8E-02 129	6.9E-03 1.4E-02 994	4.1E-02 4.3E-06 5	2.5E-02 14 228
22:15----22:45	2.4E-03 2.1E-02 137	6.5E-03 1.2E-02 994	4.2E-02 3.6E-06 7	2.5E-02 14 228
22:30----23:00	2.2E-03 2.9E-02 141	6.3E-03 1.0E-02 994	5.3E-02 4.2E-06 7	3.0E-02 14 225
22:45----23:15	1.9E-03 3.1E-02 144	6.1E-03 9.5E-03 994	6.3E-02 4.3E-06 4	3.6E-02 13 227
23:00----23:30	1.8E-03 2.5E-02 143	6.0E-03 1.3E-02 993	5.1E-02 5.5E-06 3	2.8E-02 14 234
23:15----23:45	1.7E-03 3.4E-02 143	6.3E-03 1.1E-02 993	5.4E-02 3.0E-06 2	2.4E-02 14 238
23:30----00:00	1.5E-03 5.0E-02 151	6.0E-03 7.7E-03 993	7.3E-02 4.4E-06 1	2.8E-02 13 242
23:45----00:15	1.3E-03 3.2E-02 162	5.4E-03 1.2E-02 993	5.4E-02 5.6E-06 3	2.3E-02 13 236
00:00----00:30	1.4E-03 2.1E-02 168	5.2E-03 1.1E-02 993	3.8E-02 2.4E-06 3	1.7E-02 13 236

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
00:15----00:45	1.1E-03 5.1E-02 170	5.5E-03 3.6E-03 993	6.8E-02 1.8E-06 1	2.0E-02 12 253
00:30----01:00	7.9E-04 7.5E-02 177	5.6E-03 2.0E-04 993	9.5E-02 5.0E-06 0	2.2E-02 11 341
00:45----01:15	7.2E-04 8.7E-02 188	5.4E-03 1.0E-04 993	1.1E-01 1.4E-05 0	2.3E-02 11 343
01:00----01:30	6.9E-04 8.9E-02 193	5.3E-03 1.5E-04 993	1.1E-01 2.0E-05 0	2.5E-02 11 180
01:15----01:45	5.8E-04 9.2E-02 194	5.3E-03 2.1E-04 993	1.1E-01 2.0E-05 0	2.1E-02 11 195
01:30----02:00	4.8E-04 1.0E-01 194	5.4E-03 1.8E-04 992	1.2E-01 2.0E-05 0	1.9E-02 11 353
01:45----02:15	3.5E-04 9.1E-02 195	5.2E-03 1.3E-04 992	1.0E-01 1.7E-05 0	1.9E-02 10 352
02:00----02:30	3.7E-04 7.4E-02 199	4.9E-03 1.0E-04 992	8.1E-02 1.8E-05 0	1.7E-02 10 355
02:15----02:45	4.2E-04 8.0E-02 203	4.8E-03 8.2E-05 992	8.3E-02 2.0E-05 0	1.8E-02 10 354
02:30----03:00	3.9E-04 1.1E-01 204	5.0E-03 8.1E-05 992	1.1E-01 2.3E-05 0	2.2E-02 10 339
02:45----03:15	4.9E-04 1.2E-01 202	5.1E-03 9.1E-05 992	1.2E-01 2.6E-05 0	2.1E-02 10 350
03:00----03:30	4.0E-04 1.0E-01 198	5.2E-03 1.0E-04 992	1.2E-01 2.4E-05 0	2.1E-02 10 357
03:15----03:45	3.5E-04 8.8E-02 194	5.1E-03 1.2E-04 992	1.0E-01 2.3E-05 0	2.4E-02 10 354
03:30----04:00	2.5E-04 6.1E-02 195	4.7E-03 9.7E-05 992	7.4E-02 2.0E-05 0	2.1E-02 10 342

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
03:45----04:15	2.1E-04 4.9E-02 199	4.4E-03 7.2E-05 992	6.1E-02 2.3E-05 0	1.5E-02 10 339
04:00----04:30	2.6E-04 5.0E-02 199	5.9E-03 1.3E-04 992	6.3E-02 2.6E-05 0	1.7E-02 10 333
04:15----04:45	2.9E-04 3.9E-02 197	6.3E-03 2.0E-04 991	5.8E-02 2.4E-05 0	1.8E-02 10 332
04:30----05:00	3.9E-04 3.0E-02 193	5.0E-03 3.0E-04 991	5.1E-02 2.4E-05 0	1.5E-02 11 136
04:45----05:15	3.1E-04 2.5E-02 189	4.8E-03 6.7E-04 991	4.3E-02 1.8E-05 0	1.8E-02 11 138
05:00----05:30	2.4E-04 2.1E-02 191	4.5E-03 5.9E-04 991	3.9E-02 1.5E-05 0	2.1E-02 11 359
05:15----05:45	1.8E-04 2.3E-02 196	4.3E-03 2.6E-04 991	4.0E-02 2.0E-05 0	1.8E-02 11 349
05:30----06:00	1.6E-04 2.7E-02 195	4.5E-03 2.1E-04 991	5.0E-02 2.4E-05 0	1.5E-02 11 341
05:45----06:15	1.8E-04 4.1E-02 189	4.8E-03 1.2E-04 991	6.3E-02 2.7E-05 0	1.6E-02 11 302
06:00----06:30	1.8E-04 5.5E-02 187	5.0E-03 1.3E-04 991	6.8E-02 2.9E-05 0	2.1E-02 11 340
06:15----06:45	2.5E-04 7.4E-02 190	4.6E-03 1.5E-04 990	8.3E-02 3.1E-05 0	2.1E-02 11 309
06:30----07:00	3.2E-04 7.7E-02 189	4.4E-03 2.3E-04 990	9.4E-02 3.0E-05 0	2.3E-02 11 281
06:45----07:15	3.4E-04 6.9E-02 185	4.4E-03 2.7E-04 990	9.8E-02 8.1E-05 1	2.9E-02 12 238
07:00----07:30	4.3E-04 6.2E-02 193	4.2E-03 2.5E-04 990	8.4E-02 4.0E-04 2	2.5E-02 12 232

THUNDER BAY #53, CONT'D

PAGE 5

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
07:15----07:45	4.4E-04 4.9E-02 202	4.5E-03 3.3E-04 991	6.0E-02 1.1E-03 3	1.9E-02 12 231
07:30----08:00	3.2E-04 3.9E-02 203	5.3E-03 5.4E-04 991	5.0E-02 2.0E-03 4	1.8E-02 12 234
07:45----08:15	3.2E-04 3.1E-02 199	5.9E-03 9.9E-04 991	4.5E-02 3.0E-03 3	1.7E-02 12 242
08:00----08:30	3.3E-04 2.7E-02 190	5.9E-03 1.2E-03 991	4.0E-02 3.0E-03 2	1.6E-02 13 252
08:15----08:45	3.4E-04 2.3E-02 183	5.4E-03 1.6E-03 991	3.3E-02 3.5E-03 2	1.4E-02 13 247

STATISTICS

NUMBER OF READINGS 363

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.75E-02	2.37E-03	3.14E-03	7.55E-04	7.54E+00
SO2	3.42E-03	3.33E-01	1.09E-02	3.23E-02	6.51E-03	1.86E+00
NOX	9.56E-03	2.13E-01	5.82E-02	3.63E-02	4.75E-02	1.94E+00
NO2	1.00E-06	8.77E-02	1.94E-02	1.15E-02	1.19E-02	7.14E+00
NO	5.25E-03	2.25E-01	4.25E-02	3.54E-02	3.01E-02	2.34E+00
OZONE	1.00E-06	2.84E-02	8.46E-03	1.03E-02	1.07E-03	1.72E+01
SOLAR RAD	1.00E-06	4.30E-02	4.32E-03	1.01E-02	6.92E-05	2.83E+01
TEMP	10	22	13	3		
HUMIDITY	62	206	158	45	150	1
BAROMETER	990	996	993	2	993	1
WIND SPEED	0	25	4	5	0	1385

MAXIMUM
AVERAGE

H2S	1.31E-02
SO2	1.36E-01
NOX	1.22E-01
NO2	3.57E-02
NO	1.16E-01
OZONE	2.66E-02
SOLAR RAD	3.97E-02
TEMP	21
HUMIDITY	204
BAROMETER	996
WIND SPEED	16
WIND DIRECTION	359

THUNDER BAY #54

DATE: SEP 4 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: BROADWAY AVE (X2900-Y5800); 0.6KM & 345 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
15:58----16:28	1.1E-02 3.0E-02 74	6.9E-03 3.5E-02 990	4.3E-02 2.0E-02 15	1.3E-02 28 69
16:03----16:33	9.3E-03 2.6E-02 89	6.2E-03 3.7E-02 990	3.8E-02 2.2E-02 16	1.2E-02 28 65
16:08----16:38	8.1E-03 2.0E-02 103	5.7E-03 3.7E-02 990	3.0E-02 2.4E-02 16	1.2E-02 27 61
16:13----16:43	7.2E-03 1.5E-02 118	5.3E-03 3.8E-02 990	2.3E-02 2.5E-02 16	1.0E-02 27 57
16:18----16:48	6.5E-03 9.2E-03 147	5.0E-03 3.8E-02 989	1.8E-02 2.6E-02 16	9.5E-03 27 51
16:23----16:53	6.0E-03 7.0E-03 171	4.9E-03 3.8E-02 990	1.5E-02 2.8E-02 17	8.8E-03 26 44
16:28----16:58	5.6E-03 6.4E-03 179	4.9E-03 3.6E-02 990	1.5E-02 2.9E-02 17	9.5E-03 26 39
16:33----17:03	5.3E-03 6.9E-03 193	4.9E-03 3.5E-02 990	1.6E-02 2.7E-02 17	1.1E-02 25 37
16:38----17:08	4.8E-03 7.0E-03 209	4.7E-03 3.3E-02 990	1.7E-02 2.5E-02 18	1.1E-02 24 38

STATISTICS

NUMBER OF READINGS 29

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
SO ₂	2.94E-03	1.55E-02	7.38E-03	3.53E-03	6.66E-03	1.58E+00
SO ₂	3.94E-03	8.59E-03	5.62E-03	1.40E-03	5.47E-03	1.26E+00
NOX	1.19E-02	6.15E-02	2.72E-02	1.60E-02	2.32E-02	1.76E+00
NO ₂	1.00E-06	2.21E-02	1.19E-02	4.97E-03	8.33E-03	5.91E+00
NO	4.76E-03	4.93E-02	1.63E-02	1.43E-02	1.14E-02	2.30E+00
OZONE	2.67E-02	4.11E-02	3.51E-02	4.31E-03	3.49E-02	1.13E+00
SOLAR RAD	1.41E-02	4.90E-02	2.29E-02	7.20E-03	2.20E-02	1.33E+00
TEMP	21	29	26	2		
HUMIDITY	0	273	149	84	51	48
BAROMETER	989	990	990	0	990	1
WIND SPEED	8	25	17	4	17	1

MAXIMUM
AVERAGE

SO ₂	1.08E-02
SO ₂	6.86E-03
NOX	4.26E-02
NO ₂	1.34E-02
NO	3.01E-02
OZONE	3.84E-02
SOLAR RAD	2.86E-02
TEMP	28
HUMIDITY	209
BAROMETER	990
WIND SPEED	18
WIND DIRECTION	69

THUNDER BAY #55

DATE: SEP 4 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: MOE LAB (X3040-Y6070); 3.5KM & 020 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
17:27----17:57	2.4E-03 1.9E-02 258	5.0E-03 3.6E-02 991	4.2E-02 2.8E-02 5	2.4E-02 23 108
17:42----18:12	2.0E-03 1.7E-02 253	4.8E-03 3.7E-02 992	3.5E-02 2.7E-02 7	1.9E-02 24 121
17:57----18:27	1.7E-03 1.5E-02 253	4.4E-03 3.6E-02 992	2.9E-02 2.4E-02 5	1.4E-02 24 111
18:12----18:42	1.4E-03 1.3E-02 254	4.0E-03 3.3E-02 991	2.6E-02 2.2E-02 6	1.4E-02 24 107
18:27----18:57	1.5E-03 1.1E-02 256	3.7E-03 3.0E-02 992	2.3E-02 1.2E-02 8	1.4E-02 23 114
18:42----19:12	1.6E-03 8.9E-03 259	3.7E-03 2.9E-02 992	2.0E-02 5.7E-03 8	1.2E-02 22 118
18:57----19:27	1.2E-03 9.3E-03 256	3.7E-03 2.7E-02 992	2.5E-02 4.7E-03 6	1.7E-02 22 118
19:12----19:42	1.1E-03 2.6E-02 251	4.3E-03 2.4E-02 992	4.0E-02 4.1E-03 2	1.8E-02 22 121
19:27----19:57	1.0E-03 3.3E-02 247	7.3E-03 2.1E-02 993	5.0E-02 4.3E-03 2	2.3E-02 22 78
19:42----20:12	9.0E-04 2.1E-02 248	9.1E-03 1.9E-02 993	4.7E-02 3.8E-03 4	2.7E-02 22 77
19:57----20:27	7.6E-04 1.9E-02 249	6.5E-03 2.0E-02 992	4.2E-02 1.8E-03 5	2.4E-02 21 76
20:12----20:42	7.4E-04 2.0E-02 250	4.8E-03 1.6E-02 992	4.5E-02 5.4E-04 7	2.7E-02 21 57

THUNDER BAY #55, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
20:27----20:57	7.0E-04 1.8E-02 252	4.6E-03 1.1E-02 992	4.8E-02 1.5E-04 9	3.2E-02 21 63
20:42----21:12	5.5E-04 1.2E-02 259	4.1E-03 1.3E-02 992	4.2E-02 2.3E-05 9	3.1E-02 20 75
20:57----21:27	3.7E-04 8.5E-03 268	3.7E-03 1.7E-02 992	3.3E-02 1.1E-06 8	2.5E-02 19 66
21:12----21:42	2.3E-04 8.1E-03 279	3.3E-03 2.1E-02 992	2.6E-02 1.1E-06 7	1.9E-02 19 72
21:27----21:57	2.9E-04 7.6E-03 291	3.5E-03 2.3E-02 992	2.5E-02 1.1E-06 5	1.7E-02 18 94
21:42----22:12	3.2E-04 8.7E-03 305	3.5E-03 2.0E-02 992	2.9E-02 2.3E-06 4	2.1E-02 18 95
21:57----22:27	3.1E-04 1.2E-02 316	3.4E-03 1.8E-02 992	3.4E-02 6.7E-06 3	2.3E-02 18 98
22:12----22:42	3.0E-04 1.3E-02 327	3.5E-03 1.8E-02 992	3.4E-02 1.1E-05 4	2.2E-02 18 105
22:27----22:57	3.0E-04 1.5E-02 338	3.5E-03 1.7E-02 992	3.4E-02 1.1E-05 3	2.2E-02 18 109
22:42----23:12	2.8E-04 1.5E-02 347	3.6E-03 1.5E-02 993	3.5E-02 9.3E-06 2	2.2E-02 18 104
22:57----23:27	2.0E-04 1.8E-02 350	3.8E-03 1.3E-02 993	3.8E-02 8.7E-06 0	2.1E-02 19 101
23:12----23:42	1.1E-04 1.9E-02 350	3.8E-03 1.2E-02 993	4.1E-02 8.7E-06 1	2.3E-02 19 113
23:27----23:57	4.6E-05 1.3E-02 351	3.6E-03 1.6E-02 993	3.2E-02 8.5E-06 2	2.0E-02 18 123
23:42----00:12	2.6E-05 9.0E-03 353	3.3E-03 2.0E-02 993	2.2E-02 6.6E-06 3	1.4E-02 18 120

THUNDER BAY #55, CONT'D

PAGE 3

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
23:57----00:27	1.7E-05 7.8E-03 355	3.2E-03 2.0E-02 993	1.9E-02 7.3E-06 3	1.2E-02 18 113
00:12----00:42	1.1E-05 8.3E-03 358	3.1E-03 1.6E-02 993	2.7E-02 1.3E-05 2	2.0E-02 18 110
00:27----00:57	3.7E-06 1.1E-02 358	2.8E-03 1.2E-02 993	3.7E-02 2.2E-05 1	2.6E-02 18 109
00:42----01:12	1.1E-05 1.2E-02 356	2.8E-03 1.4E-02 993	3.5E-02 2.2E-05 1	2.3E-02 18 105
00:57----01:27	1.9E-05 1.1E-02 355	3.2E-03 1.6E-02 993	3.1E-02 1.9E-05 1	2.2E-02 18 110
01:12----01:42	8.8E-06 9.9E-03 355	3.4E-03 1.7E-02 993	2.8E-02 1.8E-05 1	2.0E-02 17 86
01:27----01:57	1.0E-06 7.9E-03 355	3.1E-03 1.8E-02 993	2.2E-02 6.8E-06 2	1.6E-02 17 79
01:42----02:12	1.0E-06 7.3E-03 355	3.0E-03 2.0E-02 993	2.0E-02 2.3E-06 1	1.3E-02 17 97
01:57----02:27	1.0E-06 7.1E-03 357	3.0E-03 1.9E-02 993	2.0E-02 2.9E-06 1	1.4E-02 17 100
02:12----02:42	1.0E-06 7.2E-03 359	3.3E-03 1.7E-02 993	2.0E-02 8.1E-06 1	1.3E-02 17 98
02:27----02:57	1.0E-06 8.3E-03 361	3.5E-03 1.3E-02 993	2.3E-02 1.0E-05 1	1.5E-02 17 77
02:42----03:12	1.0E-06 9.5E-03 367	3.6E-03 8.8E-03 993	3.1E-02 1.0E-05 3	2.2E-02 16 73
02:57----03:27	1.0E-06 1.0E-02 377	3.6E-03 9.1E-03 993	3.5E-02 1.3E-05 2	2.6E-02 16 76
03:12----03:42	1.0E-06 1.0E-02 382	4.1E-03 1.3E-02 993	2.9E-02 1.3E-05 0	2.0E-02 16 112

HUNDER BAY #55, CONT'D

PAGE 4

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
03:27----03:57	1.0E-06 9.1E-03 384	4.8E-03 1.5E-02 993	2.2E-02 8.7E-06 0	1.3E-02 16 107
03:42----04:12	1.0E-06 7.6E-03 384	5.3E-03 1.3E-02 993	2.2E-02 7.4E-06 1	1.5E-02 16 90
03:57----04:27	1.0E-06 9.2E-03 387	5.5E-03 1.1E-02 993	3.1E-02 1.6E-05 2	2.3E-02 16 77
04:12----04:42	1.0E-06 9.5E-03 392	5.2E-03 1.4E-02 993	3.0E-02 1.9E-05 2	2.1E-02 16 73
04:27----04:57	1.0E-06 7.4E-03 395	4.7E-03 1.7E-02 993	2.2E-02 1.5E-05 1	1.6E-02 16 74
04:42----05:12	1.0E-06 6.9E-03 397	4.3E-03 1.4E-02 993	2.3E-02 1.1E-05 2	1.8E-02 16 116
04:57----05:27	1.0E-06 6.6E-03 399	4.1E-03 1.3E-02 993	2.3E-02 1.3E-05 5	1.7E-02 16 95
05:12----05:42	1.0E-06 5.5E-03 405	3.6E-03 1.6E-02 993	1.6E-02 2.4E-05 4	1.2E-02 16 89
05:27----05:57	1.0E-06 4.5E-03 410	5.3E-03 1.7E-02 992	1.1E-02 2.6E-05 5	7.9E-03 16 95
05:42----06:12	1.0E-06 4.4E-03 412	5.6E-03 1.7E-02 992	1.0E-02 2.0E-05 11	6.6E-03 16 92
05:57----06:27	1.0E-06 4.0E-03 411	3.2E-03 1.7E-02 992	9.8E-03 1.6E-05 11	6.9E-03 16 88
06:12----06:42	1.0E-06 4.1E-03 411	2.8E-03 1.6E-02 992	1.1E-02 1.1E-05 9	8.8E-03 16 71
06:27----06:57	1.0E-06 4.7E-03 411	2.7E-03 1.4E-02 992	1.3E-02 1.1E-05 9	9.8E-03 16 70
06:42----07:12	1.0E-06 4.5E-03 410	2.7E-03 1.3E-02 992	1.3E-02 2.5E-05 7	8.4E-03 16 86

THUNDER BAY #55, CONT'D

PAGE 5

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
06:57----07:27	1.0E-06 5.2E-03 410	2.8E-03 1.2E-02 992	1.4E-02 8.1E-05 5	8.6E-03 16 96
07:12----07:42	1.0E-06 8.0E-03 410	3.0E-03 1.0E-02 992	2.1E-02 2.3E-04 6	1.4E-02 16 83
07:27----07:57	1.0E-06 1.1E-02 409	3.0E-03 7.4E-03 992	2.9E-02 7.7E-04 5	1.8E-02 16 79
07:42----08:12	1.0E-06 1.8E-02 409	2.9E-03 4.7E-03 992	3.7E-02 2.4E-03 5	2.0E-02 16 67
07:57----08:27	1.0E-06 2.6E-02 410	2.9E-03 3.9E-03 992	4.9E-02 3.5E-03 9	2.4E-02 16 66
08:12----08:42	1.0E-06 2.7E-02 409	3.0E-03 5.3E-03 991	4.9E-02 4.7E-03 10	2.0E-02 16 75
08:27----08:57	1.0E-06 2.4E-02 409	3.0E-03 6.5E-03 991	4.2E-02 5.8E-03 9	1.7E-02 16 70

STATISTICS

NUMBER OF READINGS 373

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	2.85E-03	3.52E-04	6.20E-04	1.34E-05	2.40E+01
SO2	1.77E-03	2.88E-02	3.92E-03	2.10E-03	3.69E-03	1.34E+00
NOX	7.15E-03	8.83E-02	2.93E-02	1.28E-02	2.65E-02	1.59E+00
NO2	1.00E-06	4.64E-02	1.83E-02	8.07E-03	1.54E-02	2.69E+00
NO	2.21E-03	7.36E-02	1.20E-02	8.27E-03	1.02E-02	1.76E+00
OZONE	2.52E-03	4.02E-02	1.70E-02	7.79E-03	1.51E-02	1.68E+00
SOLAR RAD	1.00E-06	3.78E-02	2.78E-03	6.97E-03	5.49E-05	2.44E+01
TEMP	16	25	18	2		
HUMIDITY	241	414	343	60	338	1
BAROMETER	991	993	992	1	992	1
WIND SPEED	0	20	5	4	1	71

MAXIMUM
AVERAGE

H2S	2.44E-03
SO2	9.14E-03
NOX	5.00E-02
NO2	3.21E-02
NO	3.27E-02
OZONE	3.70E-02
SOLAR RAD	2.83E-02
TEMP	24
HUMIDITY	412
BAROMETER	993
WIND SPEED	11
WIND DIRECTION	123

THUNDER BAY #56

DATE: SEP 5 1978

SCAN TIME: 150 SEC

AVERAGING TIME: 30 MIN

LOCATION:

HWY #61, 0.2KM S OF BROADWAY (X2830-Y5780); 0.9KM @ 295 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
14:08----14:38	1.6E-02 7.0E-02 556	7.0E-03 2.3E-02 987	7.0E-02 2.9E-02 13	2.1E-02 21 33
14:18----14:48	1.4E-02 7.1E-02 574	6.0E-03 2.4E-02 987	7.4E-02 3.0E-02 13	2.5E-02 21 33
14:28----14:58	8.9E-03 4.0E-02 378	4.1E-03 1.6E-02 658	5.4E-02 2.0E-02 8	1.9E-02 14 30
14:38----15:08	4.8E-03 2.1E-02 189	2.1E-03 8.6E-03 329	2.8E-02 1.2E-02 5	1.2E-02 7 34
14:48----15:18	1.0E-06 1.0E-06 0	1.0E-06 1.0E-06 0	1.1E-06 1.1E-06 0	1.0E-06 0 7
14:58----15:28	1.0E-06 1.0E-06 0	1.0E-06 1.0E-06 0	1.1E-06 1.1E-06 0	1.0E-06 0 7
15:08----15:38	9.2E-03 1.4E-02 164	4.7E-03 9.3E-03 329	2.3E-02 1.2E-02 3	9.0E-03 8 46
15:18----15:48	1.9E-02 4.6E-02 322	9.7E-03 1.0E-02 658	4.3E-02 2.4E-02 7	1.7E-02 15 39
15:28----15:58	2.6E-02 8.1E-02 483	1.4E-02 2.8E-02 987	6.3E-02 3.7E-02 9	2.2E-02 23 38
15:38----16:08	2.3E-02 8.9E-02 439	1.3E-02 2.8E-02 986	6.6E-02 4.3E-02 8	1.8E-02 23 17
15:48----16:18	1.8E-02 6.9E-02 402	1.2E-02 2.8E-02 986	6.2E-02 4.7E-02 10	1.6E-02 24 5
15:58----16:28	1.4E-02 5.1E-02 359	1.0E-02 2.7E-02 986	6.7E-02 4.7E-02 12	2.1E-02 24 0

THUNDER BAY #56, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
16:08----16:38	1.1E-02 3.9E-02 358	8.7E-03 2.7E-02 986	5.8E-02 4.4E-02 13	2.1E-02 24 10
16:18----16:48	9.3E-03 4.0E-02 358	8.2E-03 2.7E-02 986	6.3E-02 3.8E-02 11	1.7E-02 24 16
16:28----16:58	8.4E-03 4.1E-02 362	7.8E-03 2.7E-02 986	6.2E-02 4.0E-02 10	1.7E-02 24 21

STATISTICS

NUMBER OF READINGS 70

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	3.58E-02	1.21E-02	9.20E-03	1.59E-03	5.80E+01
SO2	1.00E-06	1.62E-02	7.28E-03	4.81E-03	1.12E-03	4.75E+01
NOX	1.00E-06	1.38E-01	5.15E-02	3.24E-02	5.14E-03	1.09E+02
NO2	1.00E-06	7.64E-02	1.67E-02	1.66E-02	7.96E-04	1.14E+02
NO	1.00E-06	2.71E-01	4.71E-02	4.62E-02	4.32E-03	1.01E+02
OZONE	1.00E-06	3.82E-02	2.02E-02	1.16E-02	2.54E-03	7.38E+01
SOLAR RAD	1.00E-06	5.84E-02	2.97E-02	1.85E-02	3.36E-03	8.63E+01
TEMP	0	25	18	10		
HUMIDITY	0	598	344	205	5	4523
BAROMETER	0	988	761	417	9	6368
WIND SPEED	0	22	9	6	0	951

MAXIMUM AVERAGE

H2S	2.56E-02
SO2	1.37E-02
NOX	7.44E-02
NO2	2.52E-02
NO	8.94E-02
OZONE	2.82E-02
SOLAR RAD	4.75E-02
TEMP	24
HUMIDITY	574
BAROMETER	987
WIND SPEED	13
WIND DIRECTION	46

THUNDER BAY #57

DATE: SEP 5 1978

SCAN TIME: 150 SEC

AVERAGING TIME: 30 MIN

LOCATION:

N END OF MERYLE AVE, VICKER'S HTS (X2810-Y5850); 1.5KM & 315 DGS/SRC

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
18:02----18:32	3.5E-03 1.1E-02 985	3.6E-04 3.2E-02 8	3.0E-02 2.1E-02 46	2.0E-02 21
18:17----18:47	3.1E-03 7.0E-03 985	1.0E-05 3.2E-02 9	2.6E-02 1.9E-02 50	2.0E-02 21
18:32----19:02	2.9E-03 6.2E-03 985	1.1E-05 3.1E-02 8	2.4E-02 1.9E-02 47	1.9E-02 21
18:47----19:17	2.5E-03 6.4E-03 985	1.1E-05 2.9E-02 7	2.5E-02 1.2E-02 48	2.0E-02 21
19:02----19:32	2.0E-03 7.3E-03 985	1.0E-06 2.7E-02 6	2.8E-02 8.2E-03 61	2.2E-02 20
19:17----19:47	1.7E-03 7.7E-03 985	1.0E-06 2.6E-02 7	2.8E-02 8.1E-03 57	2.2E-02 20
19:32----20:02	1.5E-03 6.9E-03 985	1.0E-06 2.6E-02 7	2.7E-02 6.3E-03 53	2.2E-02 19
19:47----20:17	1.6E-03 6.6E-03 985	5.4E-05 2.5E-02 6	2.7E-02 4.4E-03 51	2.2E-02 19
20:02----20:32	1.7E-03 7.4E-03 985	1.3E-04 2.2E-02 5	3.0E-02 2.2E-03 48	2.4E-02 18
20:17----20:47	1.8E-03 1.0E-02 985	2.7E-04 1.5E-02 5	4.0E-02 8.3E-04 53	3.1E-02 18
20:32----21:02	2.0E-03 1.5E-02 985	6.0E-04 9.4E-03 5	5.0E-02 1.3E-04 62	3.7E-02 17
20:47----21:17	2.0E-03 1.6E-02 985	1.4E-03 9.3E-03 7	4.7E-02 9.5E-06 62	3.4E-02 17

THUNDER BAY #57, CONT'D

PAGE 2

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
21:02----21:32	1.9E-03 1.1E-02 986	1.5E-03 1.4E-02 8	3.6E-02 6.6E-06 55	2.7E-02 16
21:17----21:47	1.8E-03 8.2E-03 986	9.6E-04 1.3E-02 8	3.2E-02 8.5E-06 56	2.5E-02 16
21:32----22:02	1.7E-03 8.2E-03 986	9.8E-04 1.2E-02 6	3.1E-02 1.2E-05 59	2.4E-02 16
21:47----22:17	1.6E-03 8.2E-03 986	6.7E-04 1.4E-02 5	2.7E-02 1.3E-05 58	2.1E-02 16
22:02----22:32	1.3E-03 8.7E-03 986	2.2E-04 1.6E-02 3	2.7E-02 1.4E-05 46	2.0E-02 16
22:17----22:47	1.5E-03 4.1E-02 986	9.9E-04 1.2E-02 1	6.4E-02 1.1E-05 35	2.9E-02 16
22:32----23:02	1.8E-03 5.0E-02 986	1.5E-03 6.0E-03 0	8.2E-02 1.1E-05 51	3.9E-02 16
22:47----23:17	1.5E-03 3.4E-02 985	1.3E-03 2.5E-03 0	7.0E-02 1.8E-05 352	4.1E-02 16

STATISTICS

NUMBER OF READINGS 129

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	4.19E-04	4.31E-03	1.97E-03	7.42E-04	1.83E-03	1.49E+00
SO2	1.00E-06	4.28E-03	5.81E-04	8.05E-04	3.59E-05	2.90E+01
NOX	2.12E-02	3.54E-01	3.90E-02	3.19E-02	3.46E-02	1.52E+00
NO2	1.40E-02	6.44E-02	2.65E-02	9.01E-03	2.52E-02	1.36E+00
NO	4.05E-03	3.08E-01	1.49E-02	2.78E-02	1.05E-02	1.92E+00
OZONE	1.00E-06	3.59E-02	1.82E-02	1.03E-02	1.15E-02	4.78E+00
SOLAR RAD	1.00E-06	2.79E-02	5.23E-03	7.68E-03	2.51E-04	3.09E+01
TEMP	15	22	18	2		
BAROMETER	985	986	985	0	985	1
WIND SPEED	0	13	6	3	1	208

MAXIMUM
AVERAGE

H2S	3.49E-03
SO2	1.53E-03
NOX	8.21E-02
NO2	4.07E-02
NO	5.03E-02
OZONE	3.24E-02
SOLAR RAD	2.07E-02
TEMP	21
BAROMETER	986
WIND SPEED	9
WIND DIRECTION	352

THUNDER BAY #58

DATE: SEP 6 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: STANLEY ST, N OF CAN-CAR (X2960-Y5880); 1.5KM & 015 DGS/SRC

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
00:07----00:37	7.9E-04 3.4E-02 985	1.0E-06 3.2E-04 3	6.1E-02 4.0E-05 264	2.9E-02 15
00:22----00:52	1.2E-03 3.5E-02 985	1.0E-06 3.2E-04 3	6.1E-02 1.1E-05 262	2.9E-02 15
00:37----01:07	1.2E-03 3.1E-02 985	1.0E-06 6.1E-04 3	5.4E-02 1.6E-05 254	2.6E-02 15
00:52----01:22	1.3E-03 2.0E-02 985	1.0E-06 1.5E-03 4	4.1E-02 1.7E-05 251	2.2E-02 15
01:07----01:37	1.3E-03 1.9E-02 984	1.0E-06 2.3E-03 4	3.5E-02 1.7E-05 244	2.0E-02 15
01:22----01:52	1.3E-03 1.6E-02 984	1.0E-06 2.5E-03 4	3.3E-02 1.6E-05 233	2.1E-02 15
01:37----02:07	1.3E-03 9.7E-03 984	1.0E-06 2.3E-03 3	3.0E-02 1.4E-05 232	2.2E-02 15
01:52----02:22	1.2E-03 1.1E-02 984	1.0E-06 1.8E-03 2	3.0E-02 1.4E-05 240	2.1E-02 15
02:07----02:37	1.1E-03 9.9E-03 984	1.0E-06 2.6E-03 2	2.9E-02 1.7E-05 239	2.0E-02 15
02:22----02:52	1.1E-03 7.2E-03 984	1.0E-06 4.0E-03 1	2.5E-02 1.5E-05 230	1.8E-02 16
02:37----03:07	1.1E-03 7.5E-03 984	1.0E-06 3.1E-03 1	2.5E-02 1.3E-05 240	1.8E-02 16
02:52----03:22	1.1E-03 1.0E-02 984	1.0E-06 2.3E-03 1	2.8E-02 1.8E-05 249	1.9E-02 15

THUNDER BAY #58, CONT'D

PAGE 2

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
03:07----03:37	1.3E-03 1.7E-02 984	1.0E-06 3.9E-03 1	3.6E-02 2.7E-05 250	2.2E-02 15
03:22----03:52	1.3E-03 1.6E-02 983	1.0E-06 4.8E-03 1	3.5E-02 3.2E-05 265	2.1E-02 16
03:37----04:07	1.2E-03 1.1E-02 983	7.7E-05 3.5E-03 0	3.6E-02 2.9E-05 272	2.5E-02 16
03:52----04:22	1.2E-03 1.2E-02 983	1.0E-04 2.8E-03 0	3.9E-02 2.0E-05 273	2.6E-02 16
04:07----04:37	1.1E-03 1.0E-02 983	2.4E-05 3.4E-03 1	2.8E-02 1.5E-05 230	1.8E-02 16
04:22----04:52	1.0E-03 1.4E-02 983	1.0E-06 3.0E-03 1	2.9E-02 2.4E-05 248	1.6E-02 16
04:37----05:07	1.1E-03 1.6E-02 983	1.0E-06 1.9E-03 0	3.2E-02 2.9E-05 333	1.8E-02 16
04:52----05:22	1.2E-03 1.8E-02 982	1.3E-05 1.4E-03 1	3.8E-02 2.5E-05 47	2.2E-02 17
05:07----05:37	1.2E-03 2.0E-02 982	1.3E-05 2.7E-03 2	4.2E-02 2.0E-05 55	2.5E-02 17
05:22----05:52	1.2E-03 3.9E-02 982	3.7E-05 4.6E-03 3	5.1E-02 1.7E-05 61	2.5E-02 17
05:37----06:07	1.4E-03 5.1E-02 983	4.1E-04 3.3E-03 1	6.6E-02 1.9E-05 58	2.8E-02 17
05:52----06:22	1.5E-03 5.2E-02 983	9.1E-04 1.2E-03 0	7.4E-02 1.6E-05 218	3.2E-02 17
06:07----06:37	1.3E-03 4.7E-02 983	1.8E-03 7.4E-04 0	6.4E-02 1.8E-05 25	2.6E-02 17
06:22----06:52	1.3E-03 3.2E-02 983	3.4E-03 6.7E-04 0	5.2E-02 2.0E-05 8	2.3E-02 17

THUNDER BAY #58, CONT'D

PAGE 3

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
06:37----07:07	1.5E-03 3.7E-02 983	5.0E-03 6.0E-04 0	5.5E-02 2.5E-05 4	2.9E-02 17
06:52----07:22	1.5E-03 6.0E-02 983	4.9E-03 2.8E-04 0	7.4E-02 2.5E-05 346	2.7E-02 17
07:07----07:37	1.2E-03 8.1E-02 983	3.2E-03 9.6E-05 1	9.6E-02 3.8E-05 10	2.1E-02 17
07:22----07:52	1.3E-03 8.1E-02 983	3.3E-03 1.1E-04 2	1.0E-01 8.8E-05 31	2.5E-02 17
07:37----08:07	1.8E-03 8.5E-02 983	3.3E-03 1.3E-04 1	1.1E-01 3.1E-04 69	3.7E-02 17
07:52----08:22	1.8E-03 8.1E-02 983	5.2E-03 2.2E-04 0	1.1E-01 8.3E-04 69	4.0E-02 18
08:07----08:37	1.4E-03 6.9E-02 983	7.1E-03 5.1E-04 0	1.2E-01 1.4E-03 2	6.0E-02 18
08:22----08:52	1.3E-03 6.4E-02 983	5.6E-03 5.2E-04 1	1.2E-01 1.3E-03 312	5.9E-02 18

STATISTICS

NUMBER OF READINGS 351

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	3.27E-03	1.26E-03	4.45E-04	1.14E-03	1.96E+00
SO2	1.00E-06	2.50E-02	1.35E-03	2.66E-03	1.59E-05	4.55E+01
NOX	1.94E-02	3.84E-01	5.54E-02	4.04E-02	4.64E-02	1.75E+00
NO2	1.00E-06	2.76E-01	2.63E-02	2.35E-02	1.98E-02	3.97E+00
NO	5.29E-03	2.29E-01	3.35E-02	3.29E-02	2.24E-02	2.41E+00
OZONE	1.00E-06	8.83E-03	1.83E-03	1.79E-03	8.50E-04	5.38E+00
SOLAR RAD	1.00E-06	1.89E-03	1.46E-04	3.68E-04	2.65E-05	4.91E+00
TEMP	15	18	16	1		
BAROMETER	982	986	983	1	983	1
WIND SPEED	0	10	2	2	0	865

MAXIMUM
AVERAGE

H2S	1.83E-03
SO2	7.14E-03
NOX	1.20E-01
NO2	5.97E-02
NO	8.47E-02
OZONE	4.81E-03
SOLAR RAD	1.37E-03
TEMP	18
BAROMETER	985
WIND SPEED	4
WIND DIRECTION	346

THUNDER BAY #59

DATE: SEP 6 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: MONTREAL & NEEBING STS (X2920-Y5830): 1.0KM & 005 DGS/SRC

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
10:34----11:04	1.1E-02 7.6E-02 983	1.4E-02 3.2E-03 1	1.2E-01 1.8E-02 357	4.5E-02 21
10:44----11:14	8.7E-03 6.6E-02 983	1.3E-02 4.0E-03 0	1.2E-01 1.6E-02 41	5.1E-02 21
10:54----11:24	8.4E-03 6.5E-02 983	1.3E-02 5.2E-03 1	1.2E-01 1.4E-02 77	5.5E-02 22
11:04----11:34	9.0E-03 6.4E-02 983	1.3E-02 5.5E-03 1	1.3E-01 1.1E-02 34	6.1E-02 22
11:14----11:44	8.9E-03 6.4E-02 983	1.2E-02 5.6E-03 2	1.3E-01 1.2E-02 41	6.0E-02 21
11:24----11:54	7.8E-03 5.7E-02 983	1.1E-02 6.3E-03 2	1.2E-01 1.4E-02 45	5.8E-02 21
11:34----12:04	6.6E-03 4.6E-02 984	9.8E-03 9.0E-03 2	1.0E-01 1.7E-02 60	5.6E-02 21
11:44----12:14	6.8E-03 4.3E-02 984	1.0E-02 1.1E-02 1	9.8E-02 1.8E-02 56	5.3E-02 22
11:54----12:24	7.6E-03 4.1E-02 984	1.1E-02 1.3E-02 0	1.0E-01 1.8E-02 51	5.3E-02 23
12:04----12:34	8.9E-03 4.6E-02 983	1.3E-02 1.4E-02 0	1.1E-01 1.8E-02 47	5.5E-02 23
12:14----12:44	1.0E-02 4.4E-02 983	1.6E-02 1.8E-02 0	1.3E-01 2.1E-02 243	6.9E-02 24

STATISTICS

NUMBER OF READINGS 53

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	5.54E-03	1.55E-02	9.04E-03	2.22E-03	8.79E-03	1.27E-03
SO2	9.19E-03	2.05E-02	1.29E-02	2.53E-03	1.26E-02	1.21E-03
NOX	8.23E-02	2.46E-01	1.18E-01	2.75E-02	1.16E-01	1.23E-01
NO2	2.17E-02	1.17E-01	5.72E-02	1.93E-02	5.41E-02	1.41E-02
NO	2.37E-02	1.03E-01	5.65E-02	2.00E-02	5.31E-02	1.43E-02
OZONE	1.58E-03	2.78E-02	9.39E-03	6.59E-03	7.44E-03	2.01E-03
SOLAR RAD	8.05E-03	3.30E-02	1.70E-02	5.09E-03	1.63E-02	1.35E-03
TEMP	19	25	22	1		
BAROMETER	982	984	983	1	983	1
WIND SPEED	0	7	1	2	0	857

MAXIMUM
AVERAGE

H2S	1.07E-02
SO2	1.56E-02
NOX	1.29E-01
NO2	6.85E-02
NO	7.58E-02
OZONE	1.78E-02
SOLAR RAD	2.11E-02
TEMP	24
BAROMETER	984
WIND SPEED	2
WIND DIRECTION	357

THUNDER BAY #60

DATE: SEP 6 1978

SCAN TIME: 60 SEC

AVERAGING TIME: 30 MIN

LOCATION:

GLPP PARK. LOT, CONCRETE FOOTINGS(X2920-Y5790): 0.5KM & 005DGS/SRC

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
13:16----13:46	5.1E-03 4.0E-02 983	1.4E-02 3.7E-02 1	1.0E-01 3.5E-02 67	6.2E-02 28
13:26----13:56	4.4E-03 4.5E-02 983	1.3E-02 4.0E-02 1	1.1E-01 3.3E-02 84	6.2E-02 28
13:36----14:06	3.7E-03 4.9E-02 984	1.1E-02 4.0E-02 1	1.1E-01 3.4E-02 88	6.6E-02 28
13:46----14:16	3.3E-03 5.2E-02 984	1.0E-02 4.1E-02 1	1.1E-01 3.4E-02 87	6.4E-02 28
13:56----14:26	3.1E-03 4.7E-02 984	9.9E-03 4.3E-02 2	1.1E-01 3.2E-02 81	6.1E-02 28
14:06----14:36	3.2E-03 3.6E-02 984	9.6E-03 5.0E-02 4	9.5E-02 2.8E-02 75	5.8E-02 28
14:16----14:46	3.1E-03 2.8E-02 984	9.0E-03 5.0E-02 5	8.3E-02 2.7E-02 67	5.4E-02 28
14:26----14:56	3.0E-03 2.3E-02 984	8.4E-03 4.5E-02 7	7.4E-02 2.6E-02 59	5.1E-02 27
14:36----15:06	2.8E-03 2.0E-02 984	8.0E-03 3.7E-02 8	6.5E-02 2.4E-02 56	4.6E-02 27
14:46----15:16	2.7E-03 1.8E-02 984	7.7E-03 3.3E-02 8	5.7E-02 2.5E-02 49	4.0E-02 27
14:56----15:26	2.6E-03 1.6E-02 984	8.1E-03 3.2E-02 9	5.0E-02 3.0E-02 48	3.4E-02 27
15:06----15:36	2.5E-03 1.6E-02 984	1.0E-02 3.1E-02 10	4.9E-02 3.3E-02 50	3.1E-02 27

THUNDER BAY #60, CONT'D

PAGE 2

TIME	H2S NO	SO2 OZONE	NOX SOLAR RAD	NO2 TEMP
	BAROMETER	WIND SPEED	WIND DIRECTION	

STATISTICS

NUMBER OF READINGS 142

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.91E-03	6.31E-03	3.37E-03	1.02E-03	3.24E-03	1.32E+00
SO2	6.99E-03	1.59E-02	1.04E-02	2.40E-03	1.01E-02	1.25E+00
NOX	4.41E-02	1.56E-01	8.32E-02	2.74E-02	7.85E-02	1.41E+00
NO2	2.86E-03	1.18E-01	5.13E-02	1.85E-02	4.75E-02	1.56E+00
NO	9.93E-03	1.19E-01	3.18E-02	1.79E-02	2.78E-02	1.66E+00
OZONE	2.52E-02	6.34E-02	3.87E-02	8.21E-03	3.79E-02	1.23E+00
SOLAR RAD	2.18E-02	6.81E-02	3.10E-02	7.38E-03	3.03E-02	1.23E+00
TEMP	27	30	28	1		
BAROMETER	982	985	984	1	984	1
WIND SPEED	0	13	5	4	1	105

MAXIMUM
AVERAGE

H2S	5.07E-03
SO2	1.36E-02
NOX	1.14E-01
NO2	6.60E-02
NO	5.23E-02
OZONE	5.01E-02
SOLAR RAD	3.54E-02
TEMP	28
BAROMETER	984
WIND SPEED	10
WIND DIRECTION	88

THUNDER BAY #61

DATE: SEP 6 1978

SCAN TIME: 90 SEC

AVERAGING TIME: 30 MIN

LOCATION:

HWY #61, 0.3KM S OF BROADWAY (X2830-Y5770); 0.9KM @ 290 DGS/SRC

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
15:48----16:18	6.4E-03 5.1E-02 985	1.5E-02 3.0E-02 18	9.2E-02 3.5E-02 292	5.1E-02 26
15:51----16:21	7.6E-03 5.0E-02 985	1.5E-02 3.0E-02 19	8.6E-02 3.5E-02 292	4.6E-02 25
15:54----16:24	9.3E-03 4.9E-02 985	1.4E-02 3.0E-02 20	7.5E-02 3.3E-02 294	3.7E-02 25
15:57----16:27	1.1E-02 4.8E-02 985	1.3E-02 2.8E-02 21	7.0E-02 3.0E-02 296	3.3E-02 25
16:00----16:30	1.2E-02 4.7E-02 985	1.2E-02 2.7E-02 21	6.5E-02 2.8E-02 296	2.8E-02 24
16:03----16:33	1.4E-02 4.1E-02 985	1.1E-02 2.6E-02 20	6.3E-02 2.6E-02 297	2.8E-02 24
16:06----16:36	1.6E-02 4.1E-02 985	1.1E-02 2.6E-02 20	6.1E-02 2.7E-02 298	2.6E-02 24
16:09----16:39	1.9E-02 3.9E-02 985	1.0E-02 2.5E-02 19	5.9E-02 2.9E-02 301	2.7E-02 24
16:12----16:42	2.1E-02 3.4E-02 986	9.5E-03 2.3E-02 18	5.9E-02 3.0E-02 302	2.6E-02 24
16:15----16:45	2.3E-02 3.7E-02 986	9.2E-03 2.2E-02 18	5.6E-02 3.0E-02 298	2.2E-02 24
16:18----16:48	2.3E-02 3.5E-02 986	8.7E-03 1.9E-02 18	5.4E-02 3.0E-02 297	2.0E-02 24
16:21----16:51	2.2E-02 3.5E-02 986	8.2E-03 1.7E-02 18	5.5E-02 3.0E-02 296	2.1E-02 23

THUNDER BAY #61, CONT'D

PAGE 2

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
16:24----16:54	2.1E-02 3.6E-02 986	7.6E-03 1.5E-02 18	5.5E-02 3.0E-02 292	2.1E-02 23
16:27----16:57	2.0E-02 3.8E-02 986	7.1E-03 1.4E-02 18	5.4E-02 3.0E-02 290	1.9E-02 23
16:30----17:00	2.0E-02 3.7E-02 986	6.6E-03 1.3E-02 18	5.4E-02 2.9E-02 288	2.1E-02 23
16:33----17:03	1.9E-02 3.9E-02 986	6.1E-03 1.1E-02 18	5.3E-02 2.8E-02 287	1.9E-02 23
16:36----17:06	1.7E-02 4.0E-02 986	5.6E-03 8.8E-03 18	5.2E-02 2.5E-02 284	1.7E-02 23
16:39----17:09	1.5E-02 4.0E-02 986	5.0E-03 7.5E-03 18	5.1E-02 2.2E-02 279	1.6E-02 23
16:42----17:12	1.2E-02 3.9E-02 986	4.4E-03 6.8E-03 18	4.7E-02 2.0E-02 277	1.6E-02 23
16:45----17:15	1.1E-02 3.6E-02 987	4.0E-03 6.3E-03 17	4.6E-02 1.8E-02 277	1.5E-02 23
16:48----17:18	1.0E-02 4.2E-02 987	3.8E-03 6.2E-03 17	5.2E-02 1.7E-02 278	1.5E-02 23
16:51----17:21	9.6E-03 4.0E-02 987	3.5E-03 6.0E-03 17	5.0E-02 1.6E-02 278	1.3E-02 23
16:54----17:24	9.1E-03 4.0E-02 987	3.3E-03 5.9E-03 17	5.0E-02 1.6E-02 279	1.2E-02 22
16:57----17:27	8.7E-03 3.7E-02 987	3.1E-03 5.8E-03 17	5.0E-02 1.6E-02 280	1.3E-02 22
17:00----17:30	8.4E-03 3.8E-02 987	2.9E-03 5.7E-03 16	5.0E-02 1.9E-02 283	1.0E-02 22
17:03----17:33	8.2E-03 4.6E-02 987	2.8E-03 6.1E-03 17	5.4E-02 2.2E-02 282	1.4E-02 22

THUNDER BAY #61, CONT'D

PAGE 3

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
17:06----17:36	7.9E-03 4.5E-02 987	2.8E-03 6.3E-03 17	5.6E-02 2.3E-02 283	1.6E-02 22
17:09----17:39	7.7E-03 4.8E-02 987	2.9E-03 6.5E-03 18	5.6E-02 2.5E-02 282	1.5E-02 22
17:12----17:42	7.5E-03 5.2E-02 987	2.9E-03 6.8E-03 18	5.7E-02 2.7E-02 282	1.6E-02 22
17:15----17:45	7.2E-03 5.4E-02 987	3.0E-03 7.1E-03 17	5.7E-02 3.0E-02 285	1.5E-02 22
17:18----17:48	7.0E-03 4.8E-02 987	3.0E-03 7.0E-03 17	5.2E-02 3.2E-02 286	1.5E-02 22
17:21----17:51	6.7E-03 5.0E-02 987	3.2E-03 7.1E-03 17	5.2E-02 3.4E-02 287	1.4E-02 22
17:24----17:54	6.5E-03 6.3E-02 987	3.4E-03 7.2E-03 16	5.4E-02 3.4E-02 287	1.3E-02 23

STATISTICS

NUMBER OF READINGS 84

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	3.24E-03	3.45E-02	1.13E-02	7.43E-03	9.37E-03	1.82E+00
SO2	1.94E-03	2.20E-02	7.45E-03	5.06E-03	5.97E-03	1.96E+00
NOX	2.96E-02	2.11E-01	6.22E-02	3.01E-02	5.73E-02	1.47E+00
NO2	1.00E-06	1.87E-01	2.42E-02	2.82E-02	3.15E-03	5.53E+00
NO	1.85E-02	2.67E-01	4.67E-02	3.69E-02	3.96E-02	1.68E+00
OZONE	3.63E-03	3.89E-02	1.53E-02	1.08E-02	1.18E-02	2.06E+00
SOLAR RAD	1.25E-02	6.55E-02	2.84E-02	1.16E-02	2.63E-02	1.49E+00
TEMP	22	28	24	2		
BAROMETER	983	988	986	1	986	1
WIND SPEED	9	31	18	5	17	1

MAXIMUM
AVERAGE

H2S	2.26E-02
SO2	1.49E-02
NOX	9.20E-02
NO2	5.11E-02
NO	6.26E-02
OZONE	3.04E-02
SOLAR RAD	3.55E-02
TEMP	26
BAROMETER	987
WIND SPEED	21
WIND DIRECTION	302

THUNDER BAY #62

DATE: SEP 6 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION:
 HWY #61, 0.2KM S OF BROADWAY (X2830-Y5780); 0.9KM @ 295 DGS/SRC

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
18:44----19:14	3.2E-02 1.4E-02 987	2.7E-03 7.5E-03 10	2.5E-02 1.2E-02 50	9.5E-03 21
18:50----19:20	3.0E-02 1.1E-02 987	2.8E-03 8.0E-03 8	2.2E-02 9.6E-03 52	9.9E-03 21
18:56----19:26	3.2E-02 1.1E-02 987	2.9E-03 7.9E-03 7	2.2E-02 7.9E-03 54	1.0E-02 21
19:02----19:32	3.5E-02 1.1E-02 987	2.8E-03 7.5E-03 7	2.2E-02 6.4E-03 53	9.9E-03 21
19:08----19:38	3.9E-02 1.1E-02 987	2.4E-03 6.9E-03 8	2.3E-02 5.6E-03 52	1.1E-02 20
19:14----19:44	4.3E-02 1.4E-02 987	1.8E-03 5.4E-03 9	2.6E-02 5.1E-03 48	1.1E-02 20
19:20----19:50	4.8E-02 1.4E-02 987	1.7E-03 5.1E-03 9	2.6E-02 4.2E-03 44	1.1E-02 20
19:26----19:56	5.2E-02 1.6E-02 987	1.7E-03 4.8E-03 10	2.7E-02 3.6E-03 43	1.1E-02 20
19:32----20:02	5.7E-02 1.8E-02 987	2.0E-03 4.4E-03 9	3.0E-02 3.0E-03 43	1.2E-02 19
19:38----20:08	5.8E-02 1.6E-02 987	2.1E-03 4.2E-03 8	2.8E-02 2.2E-03 46	1.1E-02 19
19:44----20:14	6.0E-02 1.6E-02 987	2.5E-03 3.8E-03 9	2.8E-02 1.2E-03 49	1.1E-02 19
19:50----20:20	5.8E-02 1.8E-02 988	2.5E-03 3.0E-03 9	2.9E-02 7.1E-04 52	1.1E-02 19

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
19:56----20:26	5.3E-02 1.7E-02 988	2.2E-03 2.7E-03 8	2.9E-02 4.3E-04 50	1.0E-02 19
20:02----20:32	4.4E-02 1.6E-02 988	1.8E-03 2.6E-03 8	2.7E-02 2.9E-04 41	9.9E-03 19
20:08----20:38	3.6E-02 1.6E-02 988	1.6E-03 2.3E-03 8	2.7E-02 2.3E-04 34	1.0E-02 19
20:14----20:44	2.7E-02 1.7E-02 988	1.2E-03 2.1E-03 8	3.0E-02 1.8E-04 26	1.3E-02 19
20:20----20:50	2.1E-02 1.6E-02 988	1.1E-03 1.9E-03 8	2.9E-02 1.3E-04 21	1.4E-02 19
20:26----20:56	1.7E-02 1.7E-02 988	1.1E-03 1.5E-03 9	3.0E-02 7.9E-05 20	1.5E-02 19
20:32----21:02	1.4E-02 1.6E-02 988	1.0E-03 1.2E-03 9	3.1E-02 4.7E-05 27	1.6E-02 19
20:38----21:08	1.2E-02 1.5E-02 988	9.2E-04 1.4E-03 10	3.0E-02 3.1E-05 29	1.6E-02 19
20:44----21:14	1.0E-02 1.2E-02 989	1.0E-03 1.7E-03 10	2.5E-02 2.2E-05 33	1.4E-02 19

STATISTICS

NUMBER OF READINGS 103

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	7.01E-03	7.21E-02	3.36E-02	1.87E-02	2.77E-02	1.96E+00
SO2	4.43E-04	4.85E-03	1.83E-03	9.96E-04	1.57E-03	1.78E+00
NOX	1.37E-02	9.33E-02	2.65E-02	9.82E-03	2.52E-02	1.35E+00
NO2	1.00E-06	7.38E-02	1.17E-02	8.10E-03	8.59E-03	4.05E+00
NO	4.01E-03	4.38E-02	1.44E-02	8.48E-03	1.22E-02	1.79E+00
OZONE	1.84E-04	1.61E-02	4.07E-03	2.79E-03	3.13E-03	2.27E+00
SOLAR RAD	1.66E-05	1.81E-02	3.51E-03	4.71E-03	6.14E-04	1.10E+01
TEMP	18	22	20	1		
BAROMETER	985	989	988	1	988	1
WIND SPEED	1	16	9	3	9	2

MAXIMUM
AVERAGE

H2S	6.03E-02
SO2	2.92E-03
NOX	3.06E-02
NO2	1.61E-02
NO	1.82E-02
OZONE	7.96E-03
SOLAR RAD	1.16E-02
TEMP	21
BAROMETER	989
WIND SPEED	10
WIND DIRECTION	54

THUNDER BAY #63

DATE: SEP 6 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: VICTOR ST., VICKER'S HTS (X2700-Y5650); 2.3KM & 245 DGS/SRC

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
21:40----22:10	4.8E-03 1.6E-02 992	1.2E-03 4.5E-03 2	2.4E-02 6.2E-05 38	8.0E-03 18
21:55----22:25	3.7E-03 1.2E-02 992	8.7E-04 4.8E-03 2	2.3E-02 3.4E-05 36	9.8E-03 18
22:10----22:40	3.0E-03 1.4E-02 992	7.9E-04 5.4E-03 2	2.1E-02 1.4E-05 40	4.9E-03 17
22:25----22:55	2.5E-03 1.3E-02 993	9.1E-04 5.6E-03 3	2.1E-02 2.1E-05 46	5.6E-03 17
22:40----23:10	2.1E-03 1.0E-02 992	7.3E-04 5.8E-03 2	1.8E-02 1.3E-05 48	5.9E-03 17
22:55----23:25	1.7E-03 1.2E-02 992	6.4E-04 6.0E-03 0	2.8E-02 7.9E-06 64	1.3E-02 17
23:10----23:40	1.5E-03 1.7E-02 993	1.2E-03 5.7E-03 0	3.0E-02 1.6E-05 73	1.4E-02 17
23:25----23:55	1.2E-03 1.7E-02 993	1.9E-03 5.8E-03 2	2.0E-02 2.4E-05 45	4.7E-03 17
23:40----00:10	8.8E-04 1.4E-02 993	1.9E-03 5.6E-03 2	1.9E-02 2.1E-05 46	4.3E-03 17
23:55----00:25	5.5E-04 1.3E-02 993	1.5E-03 6.0E-03 1	1.9E-02 1.7E-05 47	3.9E-03 17
00:10----00:40	4.1E-04 1.3E-02 993	1.3E-03 6.7E-03 1	1.8E-02 1.7E-05 48	3.7E-03 17
00:25----00:55	4.6E-04 1.3E-02 993	1.4E-03 6.9E-03 1	1.8E-02 1.8E-05 50	4.1E-03 17

THUNDER BAY #63, CONT'D

PAGE 2

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
00:40----01:10	4.1E-04 1.2E-02 993	1.1E-03 6.5E-03 0	1.8E-02 1.7E-05 55	3.9E-03 17
00:55----01:25	2.9E-04 1.4E-02 993	7.4E-04 6.0E-03 1	1.9E-02 1.5E-05 57	3.7E-03 17
01:10----01:40	1.8E-04 1.7E-02 993	9.6E-04 6.1E-03 1	2.7E-02 1.3E-05 54	8.9E-03 17
01:25----01:55	1.2E-04 1.7E-02 993	1.2E-03 6.4E-03 1	3.6E-02 1.3E-05 46	1.7E-02 16
01:40----02:10	1.2E-04 2.5E-02 993	1.5E-03 6.4E-03 1	3.5E-02 1.4E-05 51	1.2E-02 16
01:55----02:25	1.0E-04 3.0E-02 993	1.8E-03 6.4E-03 1	3.2E-02 1.2E-05 23	9.1E-03 16
02:10----02:40	7.3E-05 2.4E-02 993	1.9E-03 6.6E-03 1	3.0E-02 1.1E-05 38	1.1E-02 16
02:25----02:55	4.8E-05 2.3E-02 993	2.1E-03 6.7E-03 0	2.8E-02 1.1E-05 73	8.7E-03 15
02:40----03:10	8.6E-06 2.1E-02 994	1.9E-03 7.1E-03 1	3.0E-02 1.3E-05 63	9.2E-03 15
02:55----03:25	8.3E-05 2.2E-02 993	2.3E-03 7.4E-03 1	3.7E-02 1.7E-05 55	1.3E-02 15
03:10----03:40	1.3E-04 2.6E-02 993	3.1E-03 7.7E-03 1	3.4E-02 1.9E-05 43	1.0E-02 15
03:25----03:55	1.0E-04 2.2E-02 993	3.3E-03 8.2E-03 1	2.6E-02 1.9E-05 49	8.1E-03 15
03:40----04:10	5.4E-05 1.5E-02 993	2.9E-03 8.8E-03 2	2.4E-02 1.5E-05 33	7.2E-03 15
03:55----04:25	1.0E-06 1.3E-02 993	2.2E-03 9.2E-03 2	1.9E-02 1.2E-05 25	4.2E-03 15

THUNDER BAY #63, CONT'D

PAGE 3

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
04:10----04:40	1.0E-06 1.1E-02 994	2.1E-03 1.0E-02 3	1.7E-02 1.7E-05 39	4.6E-03 14
04:25----04:55	1.3E-05 9.9E-03 994	2.3E-03 1.0E-02 3	1.8E-02 2.0E-05 44	6.8E-03 14
04:40----05:10	1.3E-05 9.7E-03 994	2.5E-03 1.0E-02 2	1.8E-02 1.9E-05 40	5.4E-03 14
04:55----05:25	5.8E-06 1.0E-02 994	2.5E-03 1.0E-02 2	1.7E-02 2.0E-05 48	4.4E-03 14
05:10----05:40	2.0E-05 1.0E-02 994	2.1E-03 9.7E-03 3	1.8E-02 2.0E-05 50	6.2E-03 14
05:25----05:55	1.5E-05 9.5E-03 994	1.8E-03 9.4E-03 2	1.8E-02 2.1E-05 40	6.6E-03 14
05:40----06:10	1.0E-06 9.6E-03 994	2.3E-03 1.0E-02 2	1.8E-02 2.3E-05 35	6.7E-03 14
05:55----06:25	1.0E-06 9.3E-03 994	3.0E-03 1.1E-02 2	1.6E-02 2.0E-05 43	5.1E-03 14
06:10----06:40	1.0E-06 9.6E-03 994	2.9E-03 1.1E-02 2	1.6E-02 1.9E-05 44	4.9E-03 14
06:25----06:55	1.0E-06 1.0E-02 994	2.7E-03 1.0E-02 2	2.0E-02 1.9E-05 41	7.3E-03 14
06:40----07:10	1.0E-06 1.3E-02 994	2.7E-03 1.0E-02 3	2.1E-02 2.0E-05 45	7.1E-03 14
06:55----07:25	1.0E-06 1.4E-02 994	2.8E-03 1.2E-02 3	2.0E-02 2.6E-05 44	8.3E-03 14
07:10----07:40	1.0E-06 1.2E-02 994	2.9E-03 1.2E-02 2	1.8E-02 4.6E-05 33	7.3E-03 14
07:25----07:55	1.0E-06 1.0E-02 994	3.0E-03 1.2E-02 1	1.6E-02 1.1E-04 35	3.4E-03 13

THUNDER BAY #63, CONT'D

PAGE 4

TIME	H2S NO BAROMETER	SO2 OZONE WIND SPEED	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP
07:40----08:10	1.0E-06 1.0E-02 994	2.7E-03 1.3E-02 1	1.7E-02 3.0E-04 44	3.8E-03 13
07:55----08:25	1.0E-06 3.4E-02 994	2.8E-03 1.2E-02 2	3.2E-02 5.9E-04 48	3.5E-03 14
08:10----08:40	1.0E-06 3.6E-02 994	3.0E-03 1.1E-02 2	3.5E-02 7.8E-04 47	4.7E-03 14
08:25----08:55	1.0E-06 1.7E-02 995	2.8E-03 1.2E-02 1	2.5E-02 8.8E-04 38	7.2E-03 14
08:40----09:10	1.0E-06 1.8E-02 994	2.9E-03 1.2E-02 1	2.7E-02 1.1E-03 50	9.4E-03 14

STATISTICS

NUMBER OF READINGS 280

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	6.23E-03	5.91E-04	1.20E-03	1.30E-05	2.90E+01
SO2	1.00E-06	8.68E-03	2.07E-03	1.05E-03	1.70E-03	2.41E+00
NOX	1.23E-02	2.42E-01	2.40E-02	2.00E-02	2.12E-02	1.52E+00
NO2	1.00E-06	1.05E-01	7.56E-03	1.26E-02	1.56E-03	2.23E+01
NO	6.17E-03	2.45E-01	1.64E-02	1.88E-02	1.36E-02	1.64E+00
OZONE	1.54E-03	1.39E-02	8.38E-03	2.73E-03	7.92E-03	1.42E+00
SOLAR RAD	1.00E-06	1.75E-03	1.33E-04	3.29E-04	2.44E-05	4.86E+00
TEMP	13	18	15	2		
BAROMETER	991	995	993	1	993	1
WIND SPEED	0	11	2	2	0	588

MAXIMUM AVERAGE

H2S	4.79E-03
SO2	3.29E-03
NOX	3.72E-02
NO2	1.69E-02
NO	3.58E-02
OZONE	1.25E-02
SOLAR RAD	1.11E-03
TEMP	18
BAROMETER	995
WIND SPEED	3
WIND DIRECTION	73

THUNDER BAY #64

DATE: SEP 7 1978

SCAN TIME: 90 SEC

AVERAGING TIME: 30 MIN

LOCATION:

HWY #61, 0.2KM S OF BROADWAY (X2830-Y5780); 0.9KM @ 295 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
10:50----11:20	3.6E-02 2.8E-02 469	7.3E-03 1.0E-02 993	5.8E-02 4.6E-03 8	3.5E-02 13 72
11:05----11:35	2.5E-02 2.4E-02 461	5.5E-03 1.2E-02 993	7.2E-02 5.0E-03 9	4.6E-02 13 84
11:20----11:50	2.1E-02 2.8E-02 457	5.3E-03 1.3E-02 993	7.8E-02 4.4E-03 10	5.2E-02 13 83
11:35----12:05	2.3E-02 3.2E-02 455	5.5E-03 1.4E-02 993	4.9E-02 4.4E-03 9	2.8E-02 13 94
11:50----12:20	2.0E-02 3.3E-02 446	5.1E-03 1.2E-02 994	4.2E-02 4.8E-03 8	1.5E-02 14 101
12:05----12:35	2.0E-02 2.2E-02 445	5.1E-03 1.3E-02 994	4.2E-02 5.1E-03 10	2.2E-02 13 86
12:20----12:50	2.6E-02 2.3E-02 452	6.4E-03 1.4E-02 993	6.7E-02 5.2E-03 9	4.9E-02 13 62
12:35----13:05	2.5E-02 4.7E-02 448	6.7E-03 1.5E-02 993	7.5E-02 5.0E-03 9	5.5E-02 13 69
12:50----13:20	2.4E-02 4.6E-02 443	5.9E-03 1.5E-02 993	4.5E-02 5.6E-03 9	2.6E-02 13 82
13:05----13:35	2.4E-02 6.5E-02 447	5.8E-03 1.2E-02 993	4.9E-02 5.8E-03 10	1.7E-02 13 54
13:20----13:50	2.5E-02 7.0E-02 449	5.9E-03 1.0E-02 993	5.2E-02 6.4E-03 13	2.1E-02 13 44
13:35----14:05	2.5E-02 3.6E-02 439	5.6E-03 1.1E-02 993	5.7E-02 7.4E-03 9	3.1E-02 14 44

THUNDER BAY #64, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	S02 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
13:50----14:20	2.4E-02 2.9E-02 423	5.4E-03 1.0E-02 993	5.9E-02 8.9E-03 9	3.0E-02 14 40
14:05----14:35	2.1E-02 3.7E-02 422	5.2E-03 1.0E-02 993	4.8E-02 9.7E-03 11	1.9E-02 14 32
14:20----14:50	1.4E-02 3.7E-02 429	4.8E-03 9.8E-03 993	5.3E-02 8.7E-03 12	2.1E-02 14 31
14:35----15:05	1.4E-02 3.5E-02 438	4.7E-03 9.9E-03 993	6.1E-02 8.2E-03 13	2.7E-02 13 32
14:50----15:20	1.2E-02 4.7E-02 441	4.4E-03 1.0E-02 993	5.5E-02 8.0E-03 12	2.1E-02 13 35
15:05----15:35	1.4E-02 6.4E-02 438	4.4E-03 1.0E-02 993	4.6E-02 8.0E-03 13	1.8E-02 13 35
15:20----15:50	1.7E-02 7.0E-02 433	4.5E-03 1.0E-02 993	5.1E-02 7.7E-03 14	2.2E-02 13 31
15:35----16:05	1.4E-02 5.3E-02 429	4.2E-03 9.6E-03 993	6.2E-02 6.5E-03 14	3.1E-02 13 32
15:50----16:20	1.1E-02 7.4E-02 424	4.2E-03 9.5E-03 993	6.5E-02 6.0E-03 13	2.6E-02 13 37
16:05----16:35	1.1E-02 7.0E-02 423	4.3E-03 9.9E-03 993	6.1E-02 6.0E-03 14	2.3E-02 13 51

STATISTICS

NUMBER OF READINGS 234

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	7.08E-03	5.70E-02	2.05E-02	8.77E-03	1.86E-02	1.55E-02
SO2	3.23E-03	1.23E-02	5.32E-03	1.26E-03	5.19E-03	1.24E-03
NOX	1.79E-02	6.39E-01	5.70E-02	5.46E-02	4.70E-02	1.72E-02
NO2	1.00E-06	6.46E-01	2.92E-02	5.56E-02	2.11E-03	8.00E-01
NO	6.94E-03	6.23E-01	4.53E-02	6.80E-02	2.95E-02	2.24E-02
OZONE	4.50E-03	2.18E-02	1.13E-02	3.38E-03	1.09E-02	1.32E-02
SOLAR RAD	2.97E-03	1.18E-02	6.34E-03	1.78E-03	6.09E-03	1.33E-03
TEMP	13	14	13	0		
HUMIDITY	406	477	441	16	441	1
BAROMETER	992	994	993	0	993	1
WIND SPEED	0	27	13	5	12	2

MAXIMUM
AVERAGE

H2S	3.63E-02
SO2	7.28E-03
NOX	7.79E-02
NO2	5.47E-02
NO	7.37E-02
OZONE	1.54E-02
SOLAR RAD	9.72E-03
TEMP	14
HUMIDITY	469
BAROMETER	994
WIND SPEED	14
WIND DIRECTION	101

THUNDER BAY #65

DATE: SEP 7 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: SIDE RD N OF RIVERDALE RD (X2320-Y5780): 5.9KM & 270 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
17:28----17:58	6.9E-03 2.2E-02 437	6.7E-03 9.9E-03 990	3.9E-02 2.9E-03 1	1.7E-02 13 32
17:34----18:04	6.5E-03 2.1E-02 475	6.7E-03 9.9E-03 990	4.0E-02 2.9E-03 2	1.9E-02 13 39
17:40----18:10	6.2E-03 2.0E-02 518	6.4E-03 1.0E-02 991	4.1E-02 3.2E-03 3	2.1E-02 13 37
17:46----18:16	6.0E-03 2.0E-02 578	6.0E-03 1.1E-02 991	4.0E-02 3.2E-03 3	1.9E-02 13 42
17:52----18:22	5.8E-03 2.1E-02 639	5.6E-03 1.1E-02 991	3.4E-02 3.2E-03 3	1.6E-02 13 43
17:58----18:28	5.5E-03 1.9E-02 688	5.3E-03 1.1E-02 991	3.3E-02 3.0E-03 3	1.6E-02 13 45
18:04----18:34	5.3E-03 1.8E-02 729	5.0E-03 1.1E-02 991	2.9E-02 2.8E-03 2	1.5E-02 13 49
18:10----18:40	5.1E-03 1.7E-02 763	4.7E-03 1.1E-02 991	2.6E-02 2.7E-03 2	1.3E-02 13 48
18:16----18:46	4.7E-03 1.7E-02 774	4.6E-03 1.0E-02 991	2.6E-02 2.6E-03 2	1.4E-02 13 47
18:22----18:52	4.4E-03 1.5E-02 776	4.8E-03 9.9E-03 991	2.7E-02 2.6E-03 2	1.7E-02 13 47
18:28----18:58	4.1E-03 1.3E-02 778	5.1E-03 9.9E-03 991	2.6E-02 2.5E-03 3	1.7E-02 13 45
18:34----19:04	3.7E-03 1.2E-02 775	5.4E-03 9.8E-03 991	2.8E-02 2.4E-03 3	1.9E-02 13 43

THUNDER BAY #65, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
18:40----19:10	3.5E-03 1.2E-02 765	5.7E-03 9.5E-03 991	2.8E-02 2.1E-03 3	1.9E-02 12 50

STATISTICS

NUMBER OF READINGS 68

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	2.83E-03	8.56E-03	5.24E-03	1.47E-03	5.04E-03	1.34E-03
SO2	3.84E-03	7.70E-03	5.73E-03	9.57E-04	5.64E-03	1.19E-03
NOX	1.61E-02	9.95E-02	3.22E-02	1.39E-02	3.01E-02	1.42E+00
NO2	1.00E-06	4.86E-02	1.71E-02	1.04E-02	9.66E-03	8.19E-03
NO	5.79E-03	4.24E-02	1.73E-02	8.12E-03	1.56E-02	1.60E-03
OZONE	6.29E-03	1.25E-02	1.01E-02	1.16E-03	1.00E-02	1.13E+00
SOLAR RAD	1.16E-03	4.38E-03	2.66E-03	7.06E-04	2.56E-03	1.34E+00
TEMP	12	14	13	0		
HUMIDITY	378	787	648	151	628	
BAROMETER	989	992	991	1	991	1
WIND SPEED	0	17	3	3	1	37

MAXIMUM
AVERAGE

H2S	6.89E-03
SO2	6.67E-03
NOX	4.14E-02
NO2	2.11E-02
NO	2.16E-02
OZONE	1.07E-02
SOLAR RAD	3.22E-03
TEMP	13
HUMIDITY	778
BAROMETER	991
WIND SPEED	3
WIND DIRECTION	50

THUNDER BAY #66

DATE: SEP 7 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: BROADWAY, CEMETERY GATES (X2820-Y5800); 1.1KM & 305 DGS/SRC

TIME	H2S NO HUMIDITY	S02 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
20:05----20:35	1.3E-03 2.3E-02 433	6.1E-03 1.3E-02 992	3.9E-02 2.1E-04 5	2.2E-02 13 66
20:20----20:50	1.1E-03 1.7E-02 399	6.0E-03 1.6E-02 992	3.3E-02 1.2E-04 5	1.9E-02 13 71
20:35----21:05	8.4E-04 1.6E-02 373	5.8E-03 1.6E-02 992	3.2E-02 4.6E-05 5	2.0E-02 13 68
20:50----21:20	7.1E-04 1.9E-02 368	5.7E-03 1.6E-02 993	3.6E-02 2.5E-05 5	2.4E-02 13 72
21:05----21:35	6.6E-04 1.6E-02 364	6.6E-03 1.6E-02 993	3.5E-02 2.4E-05 5	2.2E-02 13 70
21:20----21:50	5.3E-04 1.8E-02 360	7.5E-03 1.5E-02 993	3.5E-02 2.5E-05 4	2.1E-02 13 56
21:35----22:05	4.7E-04 2.8E-02 352	7.3E-03 1.2E-02 993	4.4E-02 2.7E-05 3	2.4E-02 13 49
21:50----22:20	3.8E-04 3.3E-02 340	7.0E-03 1.2E-02 993	4.7E-02 2.7E-05 3	2.1E-02 13 57
22:05----22:35	2.7E-04 3.0E-02 331	7.0E-03 1.3E-02 993	4.7E-02 2.7E-05 3	2.2E-02 13 52
22:20----22:50	2.4E-04 2.9E-02 324	7.1E-03 1.2E-02 993	4.6E-02 2.5E-05 3	2.2E-02 14 46
22:35----23:05	2.4E-04 2.8E-02 319	7.0E-03 1.2E-02 993	4.9E-02 2.4E-05 3	2.6E-02 14 42
22:50----23:20	2.2E-04 2.9E-02 316	6.6E-03 1.3E-02 993	5.0E-02 2.4E-05 2	2.6E-02 14 45

THUNDER BAY #66, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
23:05----23:35	1.8E-04 3.2E-02 317	6.8E-03 1.2E-02 993	5.9E-02 2.4E-05 2	3.0E-02 14 54
23:20----23:50	1.8E-04 3.6E-02 320	7.2E-03 1.0E-02 993	7.9E-02 2.5E-05 2	3.8E-02 14 51
23:35----00:05	1.9E-04 4.6E-02 317	7.9E-03 9.8E-03 993	8.4E-02 2.5E-05 2	4.4E-02 14 48
23:50----00:20	1.2E-04 4.2E-02 314	7.6E-03 1.1E-02 993	6.2E-02 2.3E-05 4	3.1E-02 14 43
00:05----00:35	1.2E-04 2.8E-02 334	6.6E-03 1.1E-02 993	4.5E-02 1.9E-05 6	1.9E-02 14 44
00:20----00:50	1.7E-04 2.1E-02 369	6.1E-03 1.2E-02 993	3.9E-02 1.6E-05 5	2.0E-02 13 51
00:35----01:05	1.6E-04 1.7E-02 393	5.8E-03 1.3E-02 993	3.0E-02 1.9E-05 4	1.6E-02 13 53
00:50----01:20	1.3E-04 1.7E-02 399	5.5E-03 1.4E-02 993	3.4E-02 2.2E-05 4	1.9E-02 13 57
01:05----01:35	8.7E-05 1.8E-02 405	5.2E-03 1.4E-02 993	3.5E-02 2.3E-05 5	2.2E-02 13 60
01:20----01:50	9.1E-05 1.5E-02 412	5.2E-03 1.3E-02 993	3.4E-02 2.3E-05 3	2.1E-02 13 55
01:35----02:05	8.9E-05 1.6E-02 399	5.7E-03 1.2E-02 993	3.5E-02 2.5E-05 2	2.1E-02 13 57
01:50----02:20	3.7E-05 1.7E-02 369	6.2E-03 1.2E-02 993	3.6E-02 2.7E-05 2	2.3E-02 14 62
02:05----02:35	1.4E-05 1.7E-02 348	5.8E-03 1.2E-02 993	3.5E-02 2.5E-05 2	2.2E-02 14 51
02:20----02:50	4.7E-05 1.6E-02 348	5.3E-03 1.3E-02 993	3.2E-02 2.3E-05 2	1.8E-02 14 47

THUNDER BAY #66, CONT'D

PAGE 3

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
02:35----03:05	8.6E-05 1.5E-02 353	5.1E-03 1.3E-02 993	2.8E-02 2.3E-05 3	1.6E-02 14 51
02:50----03:20	6.0E-05 1.3E-02 356	4.7E-03 1.3E-02 992	2.9E-02 2.2E-05 3	1.8E-02 14 53
03:05----03:35	1.6E-05 1.6E-02 356	4.6E-03 1.3E-02 992	2.9E-02 2.0E-05 3	1.7E-02 14 53
03:20----03:50	1.2E-04 2.1E-02 345	4.8E-03 1.3E-02 992	3.0E-02 2.2E-05 3	1.7E-02 14 60
03:35----04:05	1.7E-03 2.9E-02 341	5.3E-03 9.8E-03 992	4.2E-02 2.3E-05 2	1.9E-02 14 71
03:50----04:20	2.5E-03 3.0E-02 341	5.6E-03 9.3E-03 992	4.3E-02 2.2E-05 2	1.4E-02 14 61
04:05----04:35	1.2E-03 2.4E-02 335	6.0E-03 1.2E-02 992	3.6E-02 2.4E-05 2	1.2E-02 14 56
04:20----04:50	6.3E-04 2.5E-02 334	6.3E-03 1.2E-02 992	3.9E-02 2.5E-05 2	1.6E-02 14 59
04:35----05:05	4.0E-04 2.3E-02 338	5.8E-03 1.2E-02 992	3.7E-02 2.2E-05 2	1.6E-02 14 53
04:50----05:20	2.5E-04 2.0E-02 343	5.4E-03 1.2E-02 992	3.7E-02 2.2E-05 2	1.9E-02 14 48
05:05----05:35	2.4E-04 2.1E-02 348	5.4E-03 1.2E-02 992	3.8E-02 2.2E-05 2	1.9E-02 14 48
05:20----05:50	2.5E-04 2.3E-02 352	5.5E-03 1.2E-02 992	4.4E-02 2.2E-05 1	2.3E-02 14 52
05:35----06:05	2.4E-04 2.5E-02 357	5.6E-03 1.0E-02 992	5.1E-02 2.1E-05 1	2.9E-02 14 49
05:50----06:20	1.4E-04 2.9E-02 358	5.7E-03 9.7E-03 992	5.4E-02 2.0E-05 1	3.4E-02 14 49

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
06:05----06:35	6.5E-05 2.6E-02 358	5.6E-03 9.7E-03 992	5.4E-02 2.2E-05 2	3.3E-02 14 50
06:20----06:50	1.0E-04 2.1E-02 361	5.5E-03 8.8E-03 992	4.7E-02 2.5E-05 3	2.5E-02 14 53
06:35----07:05	7.2E-05 2.6E-02 354	5.3E-03 7.1E-03 992	4.9E-02 2.7E-05 3	2.4E-02 14 51
06:50----07:20	9.4E-06 4.0E-02 343	5.3E-03 6.2E-03 992	5.5E-02 5.8E-05 3	2.3E-02 14 53
07:05----07:35	2.6E-05 4.4E-02 345	6.4E-03 6.5E-03 992	6.5E-02 2.0E-04 4	2.8E-02 14 59
07:20----07:50	5.8E-05 6.3E-02 353	7.0E-03 4.6E-03 992	8.9E-02 4.5E-04 2	2.8E-02 14 55
07:35----08:05	4.5E-05 7.8E-02 353	6.2E-03 1.8E-03 992	1.1E-01 7.7E-04 2	2.9E-02 14 42
07:50----08:20	2.8E-05 7.6E-02 347	5.9E-03 1.3E-03 993	1.1E-01 1.6E-03 3	3.5E-02 14 43
08:05----08:35	2.5E-05 8.7E-02 337	6.0E-03 2.0E-03 993	1.1E-01 3.1E-03 3	3.3E-02 14 39
08:20----08:50	2.9E-05 7.2E-02 328	6.1E-03 3.4E-03 993	9.3E-02 4.5E-03 4	3.0E-02 14 45
08:35----09:05	9.1E-05 5.3E-02 327	6.3E-03 4.1E-03 993	9.4E-02 6.0E-03 4	3.9E-02 14 53
08:50----09:20	8.7E-05 6.2E-02 321	6.2E-03 5.0E-03 993	8.7E-02 6.6E-03 4	3.3E-02 15 53
09:05----09:35	2.9E-05 5.6E-02 312	6.1E-03 5.9E-03 993	5.8E-02 7.2E-03 5	1.4E-02 15 51

STATISTICS

NUMBER OF READINGS 540

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	4.12E-03	3.29E-04	5.86E-04	2.74E-05	1.98E+01
SO2	3.31E-03	2.02E-02	6.04E-03	1.17E-03	5.96E-03	1.18E+00
NOX	1.73E-02	2.10E-01	5.05E-02	3.13E-02	4.40E-02	1.64E+00
NO2	1.00E-06	1.72E-01	2.36E-02	2.13E-02	9.66E-03	1.42E+01
NO	6.92E-03	1.94E-01	3.10E-02	2.55E-02	2.45E-02	1.90E+00
OZONE	1.15E-04	1.82E-02	1.06E-02	4.10E-03	9.11E-03	2.00E+00
SOLAR RAD	1.00E-06	9.44E-03	6.66E-04	1.82E-03	5.52E-05	6.23E+00
TEMP	13	15	14	0		
HUMIDITY	302	462	352	29	351	1
BAROMETER	992	993	993	0	993	1
WIND SPEED	0	15	3	3	1	26

MAXIMUM
AVERAGE

H2S	2.49E-03
SO2	7.88E-03
NOX	1.09E-01
NO2	4.36E-02
NO	8.69E-02
OZONE	1.64E-02
SOLAR RAD	7.18E-03
TEMP	15
HUMIDITY	433
BAROMETER	993
WIND SPEED	6
WIND DIRECTION	72

THUNDER BAY #67

DATE: SEP 8 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION:
 HWY #61, 0.1KM S OF BROADWAY (X2830-Y5790); 1.0KM @ 290 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
10:14----10:44	4.7E-02 4.6E-02 280	1.2E-02 1.5E-02 994	6.9E-02 1.7E-02 6	2.5E-02 15 72
10:20----10:50	4.6E-02 4.5E-02 275	1.1E-02 1.6E-02 994	6.6E-02 1.8E-02 7	2.3E-02 15 78
10:26----10:56	4.4E-02 3.3E-02 272	9.7E-03 1.6E-02 994	6.1E-02 1.8E-02 6	3.0E-02 15 79
10:32----11:02	4.2E-02 3.2E-02 272	9.2E-03 1.4E-02 994	6.0E-02 1.9E-02 6	3.0E-02 15 66
10:38----11:08	3.8E-02 2.5E-02 272	8.5E-03 1.4E-02 994	5.2E-02 2.0E-02 8	3.0E-02 15 61
10:44----11:14	3.5E-02 2.3E-02 271	8.2E-03 1.5E-02 994	4.8E-02 2.0E-02 9	2.6E-02 15 59
10:50----11:20	3.2E-02 2.3E-02 270	7.7E-03 1.5E-02 994	4.9E-02 2.1E-02 9	2.8E-02 16 62
10:56----11:26	2.9E-02 2.3E-02 269	7.4E-03 1.5E-02 994	4.1E-02 2.0E-02 10	1.8E-02 16 69
11:02----11:32	2.6E-02 2.2E-02 269	7.2E-03 1.5E-02 994	4.1E-02 2.0E-02 10	2.1E-02 16 79
11:08----11:38	2.4E-02 2.2E-02 268	7.3E-03 1.7E-02 994	4.8E-02 2.0E-02 9	2.3E-02 16 93
11:14----11:44	2.1E-02 3.3E-02 266	7.4E-03 1.5E-02 994	5.1E-02 1.9E-02 9	2.5E-02 16 99
11:20----11:50	1.8E-02 4.6E-02 265	7.5E-03 1.5E-02 994	5.2E-02 2.0E-02 9	2.1E-02 16 102

THUNDER BAY #67, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
11:26----11:56	1.7E-02 5.9E-02 265	7.6E-03 1.4E-02 994	5.5E-02 2.0E-02 8	2.2E-02 16 98
11:32----12:02	1.6E-02 6.0E-02 264	7.5E-03 1.4E-02 994	6.0E-02 2.0E-02 8	2.6E-02 16 96
11:38----12:08	1.4E-02 6.2E-02 264	7.4E-03 1.3E-02 994	9.2E-02 2.0E-02 7	6.3E-02 16 98
11:44----12:14	1.3E-02 5.4E-02 267	7.1E-03 1.4E-02 994	9.7E-02 1.9E-02 8	6.6E-02 16 91
11:50----12:20	1.3E-02 4.2E-02 270	7.0E-03 1.3E-02 994	9.9E-02 1.9E-02 7	7.3E-02 16 80
11:56----12:26	1.3E-02 3.0E-02 271	6.7E-03 1.3E-02 994	1.0E-01 1.9E-02 7	7.9E-02 16 72
12:02----12:32	1.3E-02 3.4E-02 274	6.8E-03 1.2E-02 994	1.1E-01 1.9E-02 6	8.4E-02 16 69
12:08----12:38	1.3E-02 3.1E-02 277	6.5E-03 1.2E-02 994	8.6E-02 2.0E-02 7	5.8E-02 16 62
12:14----12:44	1.5E-02 3.1E-02 279	6.7E-03 1.2E-02 994	8.6E-02 2.0E-02 7	5.6E-02 16 56
12:20----12:50	1.4E-02 3.8E-02 277	6.6E-03 1.2E-02 994	8.3E-02 2.2E-02 7	5.2E-02 17 67
12:26----12:56	1.4E-02 4.2E-02 274	6.8E-03 1.3E-02 994	8.2E-02 2.5E-02 8	4.8E-02 17 74
12:32----13:02	1.3E-02 4.0E-02 270	6.7E-03 1.5E-02 994	7.0E-02 2.7E-02 8	3.8E-02 17 75
12:38----13:08	1.2E-02 3.7E-02 266	6.7E-03 1.7E-02 994	5.6E-02 2.8E-02 8	2.6E-02 17 80
12:44----13:14	1.1E-02 3.3E-02 264	6.7E-03 1.9E-02 994	5.0E-02 2.9E-02 9	2.7E-02 17 83

THUNDER BAY #67, CONT'D

PAGE 3

TIME	H2S NO HUMIDITY	S02 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
12:50----13:20	9.9E-03 2.8E-02 264	6.6E-03 2.1E-02 994	6.5E-02 2.9E-02 10	4.4E-02 17 83
12:56----13:26	9.7E-03 2.3E-02 266	6.5E-03 2.2E-02 994	5.6E-02 2.9E-02 10	3.9E-02 17 87

STATISTICS

NUMBER OF READINGS 129

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	7.84E-03	5.95E-02	2.26E-02	1.40E-02	1.90E-02	1.78E+00
S02	5.51E-03	1.83E-02	7.86E-03	2.14E-03	7.64E-03	1.25E+00
NOX	2.18E-02	5.41E-01	6.73E-02	6.57E-02	5.33E-02	1.83E+00
NO2	1.00E-06	5.75E-01	3.86E-02	7.06E-02	3.90E-03	5.95E+01
NO	7.19E-03	2.79E-01	3.62E-02	4.03E-02	2.64E-02	2.03E+00
OZONE	6.27E-03	3.17E-02	1.55E-02	5.77E-03	1.45E-02	1.46E+00
SOLAR RAD	1.05E-02	3.39E-02	2.16E-02	4.69E-03	2.11E-02	1.23E+00
TEMP	15	17	16	1		
HUMIDITY	253	298	271	9	271	1
BAROMETER	993	994	994	0	994	1
WIND SPEED	1	20	9	4	8	2

MAXIMUM AVERAGE

H2S	4.71E-02
S02	1.19E-02
NOX	1.13E-01
NO2	8.40E-02
NO	6.19E-02
OZONE	2.20E-02
SOLAR RAD	2.89E-02
TEMP	17
HUMIDITY	280
BAROMETER	994
WIND SPEED	10
WIND DIRECTION	102

THUNDER BAY #68

DATE: SEP 8 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: HWY #61 & BROADWAY (X2830-Y5800); 1.0KM & 305 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
13:41----14:11	6.0E-03 1.3E-02 253	6.0E-03 1.5E-02 993	2.5E-02 2.3E-02 11	1.1E-02 18 71
13:56----14:26	5.2E-03 9.5E-03 271	5.1E-03 1.4E-02 993	2.1E-02 1.8E-02 11	1.1E-02 17 71
14:11----14:41	5.2E-03 9.3E-03 278	4.4E-03 1.2E-02 993	2.0E-02 1.6E-02 8	1.0E-02 17 75
14:26----14:56	5.1E-03 9.2E-03 275	4.1E-03 1.1E-02 993	1.9E-02 1.7E-02 8	1.0E-02 17 70
14:41----15:11	4.1E-03 9.4E-03 271	3.7E-03 1.1E-02 993	1.9E-02 1.8E-02 8	1.2E-02 17 73
14:56----15:26	5.6E-03 1.1E-02 264	3.6E-03 1.1E-02 993	2.2E-02 1.9E-02 7	1.3E-02 18 76
15:11----15:41	6.6E-03 1.1E-02 256	3.9E-03 1.1E-02 993	2.8E-02 2.0E-02 6	1.6E-02 19 72
15:26----15:56	4.9E-03 1.4E-02 250	3.7E-03 1.1E-02 993	3.1E-02 2.0E-02 6	1.9E-02 18 70
15:41----16:11	6.0E-03 2.1E-02 243	3.9E-03 1.1E-02 993	3.5E-02 2.0E-02 5	1.6E-02 18 76
15:56----16:26	7.5E-03 2.7E-02 226	4.6E-03 1.2E-02 993	3.8E-02 2.0E-02 4	1.3E-02 19 87
16:11----16:41	5.9E-03 3.8E-02 212	5.3E-03 1.2E-02 993	4.8E-02 1.9E-02 3	1.5E-02 19 83
16:26----16:56	4.5E-03 3.2E-02 217	5.2E-03 1.3E-02 992	4.1E-02 1.7E-02 3	1.5E-02 19 59

THUNDER BAY #68, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
16:41----17:11	3.9E-03 1.7E-02 223	4.8E-03 1.5E-02 992	2.5E-02 1.5E-02 3	1.2E-02 19 55
16:56----17:26	3.1E-03 1.5E-02 225	4.7E-03 1.6E-02 992	2.6E-02 1.3E-02 3	1.3E-02 19 67
17:11----17:41	3.0E-03 1.9E-02 235	4.4E-03 1.5E-02 992	2.8E-02 1.2E-02 3	1.3E-02 18 70
17:26----17:56	3.2E-03 1.9E-02 239	4.5E-03 1.5E-02 992	3.2E-02 1.2E-02 2	2.0E-02 18 65
17:41----18:11	2.8E-03 1.3E-02 238	4.6E-03 1.5E-02 992	3.1E-02 1.0E-02 2	2.1E-02 18 62
17:56----18:26	2.2E-03 1.1E-02 242	4.4E-03 1.4E-02 992	2.7E-02 7.9E-03 3	1.7E-02 18 62
18:11----18:41	1.7E-03 1.1E-02 247	4.3E-03 1.5E-02 992	2.3E-02 7.1E-03 3	1.3E-02 18 64
18:26----18:56	1.3E-03 1.7E-02 248	4.3E-03 1.6E-02 992	2.4E-02 7.0E-03 3	1.1E-02 18 73
18:41----19:11	1.1E-03 1.8E-02 251	4.4E-03 1.5E-02 992	2.6E-02 5.6E-03 3	1.4E-02 18 77
18:56----19:26	1.0E-03 1.5E-02 255	4.8E-03 1.5E-02 992	3.0E-02 4.2E-03 2	2.0E-02 17 71
19:11----19:41	8.5E-04 1.3E-02 263	5.1E-03 1.4E-02 992	2.9E-02 3.3E-03 2	1.9E-02 17 57
19:26----19:56	6.8E-04 9.9E-03 268	5.3E-03 1.4E-02 992	2.2E-02 2.3E-03 2	1.4E-02 17 58
19:41----20:11	6.7E-04 8.7E-03 271	5.4E-03 1.3E-02 992	2.3E-02 1.4E-03 2	1.8E-02 17 60
19:56----20:26	5.8E-04 6.5E-03 284	5.1E-03 1.1E-02 992	2.9E-02 6.4E-04 2	2.5E-02 17 54

TIME	H2S NO HUMIDITY	S02 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
20:11----20:41	4.4E-04 5.2E-03 292	4.9E-03 1.1E-02 993	2.8E-02 2.7E-04 1	2.3E-02 17 60
20:26----20:56	4.2E-04 7.0E-03 297	5.0E-03 1.0E-02 993	2.2E-02 8.1E-05 1	1.8E-02 16 61
20:41----21:11	3.5E-04 8.3E-03 301	5.8E-03 1.0E-02 993	2.4E-02 2.1E-05 2	2.0E-02 16 62
20:56----21:26	2.7E-04 1.0E-02 307	6.4E-03 1.2E-02 993	2.5E-02 7.1E-06 2	1.6E-02 16 66

STATISTICS

NUMBER OF READINGS 316

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.40E-02	3.09E-03	2.53E-03	1.67E-03	5.01E+00
S02	2.76E-03	1.31E-02	4.84E-03	1.18E-03	4.72E-03	1.23E+00
NOX	1.22E-02	1.27E-01	2.76E-02	1.72E-02	2.47E-02	1.53E+00
NO2	1.00E-06	1.20E-01	1.56E-02	1.43E-02	8.12E-03	8.93E+00
NO	2.43E-03	1.41E-01	1.46E-02	1.61E-02	1.09E-02	1.98E+00
OZONE	7.28E-03	2.23E-02	1.30E-02	2.45E-03	1.27E-02	1.21E+00
SOLAR RAD	1.00E-06	3.21E-02	1.08E-02	8.05E-03	3.35E-03	1.49E+01
TEMP	15	20	18	1		
HUMIDITY	198	342	259	28	258	1
BAROMETER	992	993	993	0	993	1
WIND SPEED	0	18	4	4	1	25

MAXIMUM
AVERAGE

H2S	7.46E-03
S02	6.44E-03
NOX	4.82E-02
NO2	2.47E-02
NO	3.80E-02
OZONE	1.62E-02
SOLAR RAD	2.26E-02
TEMP	19
HUMIDITY	307
BAROMETER	993
WIND SPEED	11
WIND DIRECTION	87

THUNDER BAY #69

DATE: SEP 8 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: HWY #61 & BROADWAY (X2830-Y5800); 1.0KM & 305 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
21:40----22:10	3.2E-04 2.0E-02 360	6.4E-03 1.2E-02 993	3.5E-02 2.2E-06 2	1.9E-02 15 58
21:55----22:25	5.9E-04 4.0E-02 366	6.8E-03 6.5E-03 993	6.6E-02 4.0E-06 0	3.8E-02 14 58
22:10----22:40	4.0E-04 5.9E-02 396	6.1E-03 1.5E-03 993	9.1E-02 9.9E-06 0	4.4E-02 14 319
22:25----22:55	1.2E-04 5.4E-02 428	4.8E-03 1.6E-03 994	9.5E-02 1.3E-05 0	3.9E-02 14 316
22:40----23:10	5.3E-05 6.2E-02 455	4.5E-03 1.1E-03 994	1.0E-01 8.7E-06 1	3.3E-02 13 336
22:55----23:25	1.2E-05 9.8E-02 528	4.3E-03 1.5E-04 994	1.3E-01 3.6E-06 2	3.0E-02 13 347
23:10----23:40	3.3E-05 1.4E-01 580	4.5E-03 1.2E-04 994	1.8E-01 2.8E-06 2	2.9E-02 13 350
23:25----23:55	3.7E-05 1.5E-01 589	4.7E-03 9.9E-05 994	1.9E-01 6.0E-06 2	3.7E-02 13 342
23:40----00:10	3.9E-05 1.4E-01 631	4.6E-03 6.5E-05 994	1.8E-01 8.0E-06 3	4.2E-02 13 341
23:55----00:25	3.2E-05 1.5E-01 705	4.6E-03 7.2E-05 994	2.0E-01 9.9E-06 3	4.4E-02 13 343
00:10----00:40	1.2E-05 1.6E-01 746	4.7E-03 5.7E-05 994	2.1E-01 9.2E-06 3	4.3E-02 13 338
00:25----00:55	3.3E-05 1.3E-01 734	4.6E-03 1.6E-04 994	1.6E-01 6.5E-06 2	3.4E-02 13 356

THUNDER BAY #69, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
00:40----01:10	4.5E-05 1.1E-01 745	4.5E-03 4.1E-04 994	1.5E-01 7.2E-06 3	3.8E-02 13 5
00:55----01:25	1.9E-05 1.4E-01 746	4.6E-03 3.5E-04 994	1.8E-01 7.8E-06 2	4.4E-02 13 345
01:10----01:40	3.8E-05 1.0E-01 730	4.5E-03 4.1E-04 994	1.4E-01 7.2E-06 3	3.5E-02 13 5
01:25----01:55	5.0E-05 4.2E-02 751	4.1E-03 1.3E-03 994	6.6E-02 7.2E-06 3	2.4E-02 13 28
01:40----02:10	3.3E-05 1.5E-02 769	3.8E-03 2.4E-03 994	3.3E-02 7.3E-06 4	1.9E-02 13 41
01:55----02:25	4.1E-05 8.1E-03 755	3.6E-03 4.2E-03 994	2.4E-02 6.7E-06 4	1.6E-02 13 52
02:10----02:40	5.6E-05 5.7E-03 698	3.4E-03 6.6E-03 994	1.8E-02 5.9E-06 4	1.2E-02 13 65
02:25----02:55	2.4E-04 6.3E-03 620	3.6E-03 8.0E-03 994	1.8E-02 7.3E-06 4	1.2E-02 13 72
02:40----03:10	8.4E-04 6.2E-03 534	4.0E-03 8.9E-03 994	1.8E-02 6.6E-06 5	1.1E-02 13 69
02:55----03:25	1.7E-03 7.7E-03 445	4.8E-03 9.8E-03 994	1.6E-02 2.8E-06 5	8.8E-03 14 59
03:10----03:40	3.2E-03 8.8E-03 382	5.7E-03 1.0E-02 994	2.2E-02 1.6E-06 3	1.5E-02 14 51
03:25----03:55	5.7E-03 8.9E-03 351	5.9E-03 9.9E-03 994	2.5E-02 4.0E-06 5	1.9E-02 14 68
03:40----04:10	8.2E-03 9.9E-03 330	6.0E-03 9.3E-03 994	2.8E-02 6.6E-06 6	2.0E-02 14 72
03:55----04:25	1.4E-02 8.7E-03 321	6.4E-03 8.7E-03 994	2.8E-02 5.4E-06 5	2.0E-02 14 85

THUNDER BAY #69, CONT'D

PAGE 3

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
04:10----04:40	1.9E-02 7.2E-03 320	6.1E-03 9.6E-03 993	2.3E-02 5.3E-06 8	1.6E-02 14 82
04:25----04:55	2.0E-02 1.1E-02 314	5.8E-03 9.6E-03 993	2.8E-02 1.2E-05 8	1.6E-02 14 78
04:40----05:10	2.7E-02 1.4E-02 310	6.1E-03 8.9E-03 993	3.3E-02 1.7E-05 8	2.0E-02 14 78
04:55----05:25	3.3E-02 1.1E-02 312	6.1E-03 9.9E-03 993	3.1E-02 2.1E-05 10	2.3E-02 14 81
05:10----05:40	3.0E-02 9.8E-03 343	5.6E-03 1.0E-02 994	2.6E-02 2.3E-05 12	1.9E-02 14 89
05:25----05:55	2.4E-02 1.0E-02 606	6.9E-03 9.6E-03 994	2.4E-02 1.6E-05 13	1.5E-02 13 94
05:40----06:10	2.0E-02 9.2E-03 841	6.9E-03 1.0E-02 994	2.4E-02 1.6E-05 13	1.4E-02 13 85
05:55----06:25	1.5E-02 8.1E-03 807	4.6E-03 1.0E-02 994	2.2E-02 2.1E-05 11	1.4E-02 13 77
06:10----06:40	1.3E-02 7.5E-03 740	3.9E-03 1.1E-02 994	2.0E-02 2.0E-05 13	1.2E-02 13 82
06:25----06:55	1.0E-02 4.5E-03 714	3.7E-03 1.2E-02 994	1.4E-02 2.4E-05 14	8.6E-03 12 76
06:40----07:10	8.8E-03 5.0E-03 712	3.8E-03 1.2E-02 993	1.2E-02 3.0E-05 11	7.3E-03 13 68
06:55----07:25	8.2E-03 5.9E-03 680	4.0E-03 1.2E-02 993	1.3E-02 4.1E-05 9	7.6E-03 13 69
07:10----07:40	6.7E-03 5.0E-03 631	4.1E-03 1.3E-02 993	1.5E-02 7.8E-05 7	1.0E-02 13 77
07:25----07:55	6.2E-03 5.8E-03 598	4.2E-03 1.2E-02 993	1.7E-02 2.3E-04 7	1.2E-02 13 82

THUNDER BAY #69, CONT'D

PAGE 4

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
07:40----08:10	6.7E-03 7.4E-03 576	4.3E-03 1.2E-02 993	2.0E-02 4.7E-04 5	1.5E-02 13 74
07:55----08:25	1.0E-02 8.8E-03 548	4.6E-03 1.1E-02 993	2.3E-02 6.1E-04 6	1.6E-02 13 79
08:10----08:40	1.5E-02 8.5E-03 533	4.9E-03 1.1E-02 993	2.2E-02 7.9E-04 7	1.5E-02 14 87
08:25----08:55	1.8E-02 9.5E-03 532	5.1E-03 1.0E-02 993	2.2E-02 1.1E-03 7	1.6E-02 14 82
08:40----09:10	1.8E-02 9.0E-03 532	5.1E-03 1.0E-02 993	2.1E-02 1.6E-03 8	1.6E-02 14 78
08:55----09:25	1.7E-02 7.4E-03 529	5.0E-03 1.1E-02 993	2.1E-02 2.2E-03 11	1.4E-02 14 79

STATISTICS

NUMBER OF READINGS 285

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	4.05E-02	8.03E-03	9.66E-03	4.25E-04	6.01E+01
SO2	2.99E-03	1.76E-02	4.94E-03	1.28E-03	4.82E-03	1.24E+00
NOX	8.24E-03	3.20E-01	6.02E-02	6.83E-02	3.64E-02	2.58E+00
NO2	1.00E-06	1.15E-01	2.17E-02	1.94E-02	1.27E-02	5.91E+00
NO	1.63E-03	2.91E-01	3.92E-02	5.74E-02	1.62E-02	3.58E+00
OZONE	1.00E-06	1.41E-02	7.11E-03	4.87E-03	2.12E-03	1.56E+01
SOLAR RAD	1.00E-06	2.92E-03	2.12E-04	5.59E-04	1.36E-05	9.85E+00
TEMP	12	15	13	1		
HUMIDITY	303	846	560	167	533	1
BAROMETER	993	994	994	0	994	1
WIND SPEED	0	25	6	5	2	39

MAXIMUM
AVERAGE

H2S	3.34E-02
SO2	6.91E-03
NOX	2.06E-01
NO2	4.41E-02
NO	1.63E-01
OZONE	1.25E-02
SOLAR RAD	2.18E-03
TEMP	15
HUMIDITY	841
BAROMETER	994
WIND SPEED	14
WIND DIRECTION	356

THUNDER BAY #70

DATE: SEP 9 1978

SCAN TIME: 90 SEC

AVERAGING TIME: 30 MIN

LOCATION:

HWY #61 & BROADWAY, CEMETERY (X2820-Y5800); 1.1KM & 305 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
11:59----12:29	4.1E-02 3.9E-02 471	7.4E-03 9.0E-03 991	5.7E-02 5.9E-03 7	3.0E-02 15 90
12:05----12:35	3.8E-02 3.1E-02 474	6.2E-03 9.2E-03 991	5.2E-02 6.2E-03 7	2.6E-02 15 85
12:11----12:41	3.5E-02 3.2E-02 476	5.4E-03 8.9E-03 991	5.3E-02 5.8E-03 7	2.6E-02 15 85
12:17----12:47	3.0E-02 2.8E-02 475	4.5E-03 8.4E-03 991	5.2E-02 5.5E-03 7	2.4E-02 15 80
12:23----12:53	2.6E-02 3.2E-02 475	3.9E-03 8.7E-03 991	4.7E-02 4.9E-03 6	1.9E-02 15 75
12:29----12:59	2.2E-02 3.1E-02 475	3.4E-03 9.1E-03 991	4.7E-02 4.5E-03 6	1.9E-02 15 76
12:35----13:05	1.8E-02 2.8E-02 470	3.1E-03 9.3E-03 991	4.7E-02 4.1E-03 5	2.0E-02 15 75
12:41----13:11	1.5E-02 2.9E-02 464	3.0E-03 9.5E-03 991	4.9E-02 4.0E-03 4	2.1E-02 15 70
12:47----13:17	1.3E-02 3.0E-02 457	3.0E-03 9.7E-03 992	4.9E-02 4.0E-03 4	2.2E-02 15 70
12:53----13:23	1.1E-02 3.2E-02 447	3.0E-03 9.6E-03 992	5.4E-02 4.0E-03 5	2.3E-02 15 74
12:59----13:29	9.5E-03 3.6E-02 441	3.2E-03 9.3E-03 992	5.5E-02 3.6E-03 5	2.0E-02 15 79
13:05----13:35	8.8E-03 3.7E-02 439	3.1E-03 9.2E-03 992	5.5E-02 3.5E-03 6	2.0E-02 15 88

THUNDER BAY #70, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
13:11----13:41	9.6E-03 3.9E-02 442	3.4E-03 9.6E-03 991	5.7E-02 3.3E-03 7	1.6E-02 15 91
13:17----13:47	1.1E-02 3.5E-02 454	3.6E-03 1.0E-02 991	5.4E-02 3.3E-03 8	1.6E-02 15 92
13:23----13:53	1.3E-02 3.1E-02 483	3.6E-03 1.0E-02 991	4.7E-02 3.5E-03 8	1.6E-02 15 97
13:29----13:59	1.4E-02 2.8E-02 513	3.5E-03 1.1E-02 991	5.1E-02 4.0E-03 8	2.3E-02 15 98
13:35----14:05	1.4E-02 2.7E-02 543	3.6E-03 1.1E-02 990	5.7E-02 4.7E-03 8	3.1E-02 15 92
13:41----14:11	1.3E-02 3.1E-02 570	3.2E-03 1.1E-02 990	4.9E-02 5.4E-03 7	3.2E-02 14 88
13:47----14:17	1.1E-02 3.4E-02 591	2.9E-03 1.1E-02 990	4.9E-02 5.8E-03 6	3.1E-02 14 82
13:53----14:23	9.0E-03 3.3E-02 598	2.8E-03 1.1E-02 990	4.8E-02 6.0E-03 6	2.7E-02 14 73
13:59----14:29	7.8E-03 3.3E-02 599	2.8E-03 1.1E-02 990	4.3E-02 5.6E-03 6	2.4E-02 14 68
14:05----14:35	6.8E-03 3.2E-02 600	2.8E-03 1.1E-02 990	3.8E-02 5.3E-03 6	1.7E-02 14 74
14:11----14:41	6.0E-03 2.3E-02 599	2.9E-03 1.1E-02 990	3.9E-02 5.2E-03 6	1.7E-02 14 76
14:17----14:47	5.0E-03 2.4E-02 596	3.0E-03 1.2E-02 990	3.9E-02 5.4E-03 7	1.8E-02 14 79
14:23----14:53	4.4E-03 3.0E-02 592	3.1E-03 1.1E-02 990	3.9E-02 5.5E-03 6	1.9E-02 15 80
14:29----14:59	3.9E-03 2.8E-02 586	3.2E-03 1.2E-02 990	4.0E-02 5.6E-03 6	2.1E-02 15 79

THUNDER BAY #70, CONT'D

PAGE 3

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
14:35----15:05	3.4E-03 3.2E-02 579	3.4E-03 1.1E-02 990	3.8E-02 5.3E-03 5	1.9E-02 15 73
14:41----15:11	3.2E-03 3.5E-02 575	3.5E-03 1.1E-02 990	4.2E-02 5.1E-03 6	2.0E-02 15 79

STATISTICS

NUMBER OF READINGS 130

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	2.30E-03	4.87E-02	1.53E-02	1.29E-02	1.09E-02	2.32E+00
SO2	2.22E-03	1.09E-02	3.91E-03	1.70E-03	3.65E-03	1.41E+00
NOX	2.29E-02	1.51E-01	4.86E-02	2.28E-02	4.45E-02	1.50E+00
NO2	1.00E-06	1.44E-01	2.25E-02	2.01E-02	4.62E-03	3.69E+01
NO	8.27E-03	1.58E-01	3.26E-02	2.53E-02	2.67E-02	1.83E+00
OZONE	4.34E-03	1.55E-02	1.01E-02	2.16E-03	9.83E-03	1.26E+00
SOLAR RAD	2.94E-03	7.52E-03	4.86E-03	1.27E-03	4.70E-03	1.30E+00
TEMP	14	15	15	0		
HUMIDITY	423	604	519	64	515	1
BAROMETER	990	992	991	1	991	1
WIND SPEED	0	18	7	4	5	5

MAXIMUM
AVERAGE

H2S	4.12E-02
SO2	7.41E-03
NOX	5.71E-02
NO2	3.22E-02
NO	3.94E-02
OZONE	1.18E-02
SOLAR RAD	6.17E-03
TEMP	15
HUMIDITY	600
BAROMETER	992
WIND SPEED	8
WIND DIRECTION	98

THUNDER BAY #71

DATE: SEP 9 1978

SCAN TIME: 90 SEC

AVERAGING TIME: 30 MIN

LOCATION:

HWY #61, 0.2KM S OF BROADWAY (X2830-Y5780); 0.9KM @ 295 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
15:23----15:53	8.6E-03 3.3E-02 618	3.7E-03 1.0E-02 990	5.0E-02 2.6E-03 8	2.3E-02 14 47
15:29----15:59	7.2E-03 4.2E-02 628	3.5E-03 8.7E-03 990	5.0E-02 2.7E-03 9	1.9E-02 14 34
15:35----16:05	6.1E-03 4.1E-02 637	3.1E-03 9.1E-03 990	4.7E-02 3.0E-03 9	1.9E-02 14 34
15:41----16:11	5.9E-03 4.0E-02 643	2.9E-03 9.5E-03 990	4.6E-02 3.5E-03 9	1.7E-02 14 33
15:47----16:17	5.8E-03 4.3E-02 643	2.9E-03 1.0E-02 990	4.4E-02 3.8E-03 10	1.7E-02 14 34
15:53----16:23	5.4E-03 4.4E-02 640	2.7E-03 1.0E-02 990	4.4E-02 4.1E-03 11	1.8E-02 14 37
15:59----16:29	6.1E-03 4.1E-02 637	2.8E-03 1.0E-02 990	4.6E-02 4.3E-03 11	2.1E-02 14 39

STATISTICS

NUMBER OF READINGS 47

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	3.81E-03	1.55E-02	7.13E-03	2.88E-03	6.66E-03	1.44E+00
SO2	2.19E-03	4.57E-03	3.20E-03	5.96E-04	3.15E-03	1.20E+00
NOX	2.31E-02	1.10E-01	4.72E-02	2.22E-02	4.28E-02	1.54E+00
NO2	1.00E-06	7.91E-02	2.10E-02	1.89E-02	4.58E-03	3.70E+01
NO	8.02E-03	1.95E-01	3.80E-02	3.93E-02	2.80E-02	2.06E+00
OZONE	3.97E-03	1.79E-02	1.00E-02	2.98E-03	9.57E-03	1.37E+00
SOLAR RAD	1.76E-03	5.27E-03	3.44E-03	1.00E-03	3.29E-03	1.36E+0
TEMP	14	15	14	0		
HUMIDITY	593	651	629	17	629	1
BAROMETER	990	990	990	0	990	1
WIND SPEED	3	17	10	3	9	1

MAXIMUM
AVERAGE

H2S	8.63E-03
SO2	3.71E-03
NOX	5.03E-02
NO2	2.28E-02
NO	4.41E-02
OZONE	1.02E-02
SOLAR RAD	4.30E-03
TEMP	14
HUMIDITY	643
BAROMETER	990
WIND SPEED	11
WIND DIRECTION	47

THUNDER BAY #72

DATE: SEP 9 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION:
 HWY #61 & BROADWAY, CEMETERY (X2830-Y5800); 1.0KM & 305 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
16:52----17:22	1.8E-03 3.0E-02 616	2.7E-03 8.8E-03 989	6.1E-02 5.3E-03 6	2.8E-02 15 65
17:07----17:37	9.1E-04 2.2E-02 614	2.4E-03 9.2E-03 989	4.1E-02 5.8E-03 7	1.9E-02 15 63
17:22----17:52	2.8E-04 2.0E-02 601	2.3E-03 9.2E-03 989	4.3E-02 5.3E-03 7	2.8E-02 15 71
17:37----18:07	1.7E-05 2.1E-02 568	2.4E-03 9.8E-03 989	4.4E-02 4.6E-03 8	2.5E-02 15 65
17:52----18:22	1.0E-06 3.4E-02 533	2.4E-03 9.5E-03 989	4.1E-02 4.2E-03 7	1.8E-02 15 50
18:07----18:37	1.0E-06 3.7E-02 520	3.0E-03 9.6E-03 989	5.2E-02 3.5E-03 6	2.8E-02 15 50
18:22----18:52	1.0E-06 2.2E-02 514	4.2E-03 1.1E-02 989	4.8E-02 3.4E-03 6	2.9E-02 15 42
18:37----19:07	1.0E-06 2.8E-02 508	4.0E-03 9.7E-03 989	3.8E-02 2.9E-03 5	2.1E-02 15 40
18:52----19:22	1.0E-06 3.1E-02 504	3.3E-03 8.6E-03 989	4.2E-02 2.4E-03 6	2.1E-02 15 42
19:07----19:37	1.0E-06 3.2E-02 496	3.2E-03 8.0E-03 989	5.4E-02 2.4E-03 5	2.6E-02 15 44
19:22----19:52	1.0E-06 3.0E-02 488	3.2E-03 7.3E-03 989	5.1E-02 1.9E-03 3	2.8E-02 15 32
19:37----20:07	1.0E-06 3.5E-02 491	3.1E-03 6.6E-03 989	4.6E-02 1.2E-03 2	3.0E-02 15 16

THUNDER BAY #72, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
19:52----20:22	1.0E-06 3.7E-02 504	3.0E-03 4.9E-03 989	5.0E-02 7.4E-04 2	3.4E-02 15 29
20:07----20:37	1.0E-06 3.1E-02 520	3.0E-03 2.9E-03 989	5.8E-02 2.8E-04 2	3.3E-02 15 32
20:22----20:52	1.0E-06 4.1E-02 516	3.0E-03 1.3E-03 990	8.0E-02 8.2E-05 0	3.9E-02 15 25
20:37----21:07	1.0E-06 5.5E-02 506	3.3E-03 4.9E-04 990	9.6E-02 3.6E-05 0	3.3E-02 15 35
20:52----21:22	1.0E-06 6.5E-02 506	3.5E-03 1.2E-04 990	8.7E-02 2.4E-05 0	2.8E-02 15 22
21:07----21:37	1.0E-06 6.0E-02 502	3.5E-03 6.9E-05 990	8.0E-02 1.8E-05 0	2.6E-02 15 43
21:22----21:52	1.0E-06 6.9E-02 500	4.0E-03 1.9E-04 990	9.9E-02 8.1E-06 0	3.0E-02 15 41
21:37----22:07	1.0E-06 6.6E-02 519	4.1E-03 1.5E-04 990	9.9E-02 1.0E-05 0	4.2E-02 15 21
21:52----22:22	1.0E-06 6.4E-02 529	4.0E-03 2.3E-05 990	9.2E-02 2.4E-05 0	4.0E-02 14 23
22:07----22:37	1.0E-06 5.9E-02 524	4.2E-03 1.4E-03 990	7.9E-02 3.3E-05 0	2.9E-02 15 51
22:22----22:52	1.0E-06 3.4E-02 520	3.9E-03 3.9E-03 990	5.5E-02 3.5E-05 1	2.3E-02 15 60
22:37----23:07	1.0E-06 2.9E-02 518	3.5E-03 4.4E-03 990	5.5E-02 3.3E-05 0	2.0E-02 15 95
22:52----23:22	1.0E-06 3.8E-02 512	4.1E-03 3.5E-03 990	8.3E-02 3.2E-05 0	2.9E-02 15 155
23:07----23:37	1.0E-06 4.0E-02 510	5.3E-03 1.9E-03 990	8.5E-02 2.8E-05 0	3.6E-02 15 324

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
23:22----23:52	1.0E-06 4.8E-02 515	5.1E-03 3.2E-04 990	7.1E-02 2.2E-05 0	2.8E-02 15 324
23:37----00:07	1.0E-06 5.6E-02 547	4.2E-03 6.4E-05 990	7.8E-02 2.5E-05 0	2.9E-02 14 253
23:52----00:22	1.0E-06 5.1E-02 581	4.2E-03 2.9E-04 990	7.3E-02 2.6E-05 0	2.5E-02 14 253
00:07----00:37	1.0E-06 4.4E-02 593	3.8E-03 1.8E-03 990	6.4E-02 2.6E-05 0	2.7E-02 14 274
00:22----00:52	1.0E-06 4.3E-02 595	3.3E-03 2.4E-03 990	7.0E-02 2.8E-05 0	3.1E-02 14 283
00:37----01:07	1.0E-06 4.3E-02 586	3.3E-03 2.4E-03 990	6.3E-02 2.6E-05 1	2.0E-02 14 256
00:52----01:22	1.0E-06 3.1E-02 599	3.0E-03 3.6E-03 990	4.3E-02 2.3E-05 1	1.4E-02 14 269
01:07----01:37	1.0E-06 2.9E-02 622	2.7E-03 3.0E-03 990	4.1E-02 2.6E-05 0	1.6E-02 14 296
01:22----01:52	1.0E-06 4.1E-02 632	3.0E-03 1.7E-03 990	5.4E-02 2.8E-05 0	1.6E-02 14 309
01:37----02:07	1.0E-06 4.1E-02 634	3.0E-03 1.3E-03 990	5.7E-02 2.4E-05 0	1.9E-02 13 240
01:52----02:22	1.0E-06 3.0E-02 649	2.6E-03 2.6E-03 990	4.3E-02 2.3E-05 1	1.7E-02 13 228
02:07----02:37	1.0E-06 2.9E-02 674	2.5E-03 4.3E-03 990	4.0E-02 2.7E-05 2	1.2E-02 13 206
02:22----02:52	1.0E-06 3.1E-02 684	2.4E-03 5.3E-03 990	3.9E-02 2.7E-05 2	9.3E-03 13 187
02:37----03:07	1.0E-06 2.7E-02 687	2.3E-03 6.1E-03 990	3.3E-02 2.8E-05 2	7.6E-03 13 189

THUNDER BAY #72, CONT'D

PAGE 4

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
02:52----03:22	1.0E-06 2.3E-02 687	2.3E-03 6.3E-03 990	3.0E-02 2.8E-05 1	7.9E-03 13 201
03:07----03:37	1.0E-06 2.1E-02 686	2.8E-03 6.2E-03 990	2.8E-02 2.8E-05 1	7.7E-03 13 209
03:22----03:52	1.0E-06 2.1E-02 684	2.9E-03 6.4E-03 990	2.7E-02 2.8E-05 1	6.5E-03 13 214
03:37----04:07	1.0E-06 2.5E-02 684	2.5E-03 6.3E-03 990	3.0E-02 2.8E-05 1	5.6E-03 13 229
03:52----04:22	1.0E-06 2.7E-02 685	2.3E-03 5.6E-03 990	3.2E-02 3.0E-05 0	5.9E-03 13 240
04:07----04:37	1.0E-06 2.4E-02 685	2.1E-03 5.5E-03 990	3.0E-02 2.6E-05 0	7.5E-03 13 203
04:22----04:52	1.0E-06 2.6E-02 685	2.0E-03 5.7E-03 990	3.3E-02 2.4E-05 1	6.3E-03 12 207
04:37----05:07	1.0E-06 2.7E-02 684	1.9E-03 5.6E-03 990	3.3E-02 3.0E-05 0	6.7E-03 12 214
04:52----05:22	1.0E-06 2.8E-02 673	1.9E-03 5.1E-03 990	3.4E-02 3.1E-05 0	7.6E-03 12 195
05:07----05:37	1.0E-06 3.1E-02 644	2.0E-03 4.6E-03 990	3.6E-02 2.9E-05 0	8.0E-03 13 189
05:22----05:52	1.0E-06 3.7E-02 613	2.2E-03 4.0E-03 990	3.6E-02 3.1E-05 0	8.1E-03 13 187
05:37----06:07	1.0E-06 3.4E-02 594	2.8E-03 3.9E-03 990	3.8E-02 2.7E-05 0	1.0E-02 13 19
05:52----06:22	1.0E-06 3.0E-02 594	2.7E-03 3.6E-03 990	4.2E-02 2.7E-05 0	1.2E-02 13 48
06:07----06:37	1.0E-06 3.1E-02 603	2.2E-03 3.3E-03 990	3.9E-02 2.9E-05 0	7.4E-03 13 242

THUNDER BAY #72, CONT'D

PAGE 5

TIME	H2S NO HUMIDITY	S02 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
06:22----06:52	1.0E-06 3.0E-02 619	2.2E-03 3.1E-03 990	3.5E-02 2.9E-05 0	5.6E-03 13 239
06:37----07:07	1.0E-06 3.0E-02 630	2.3E-03 2.3E-03 990	3.5E-02 3.1E-05 0	6.6E-03 13 235
06:52----07:22	1.0E-06 3.3E-02 623	2.4E-03 1.7E-03 990	3.7E-02 8.7E-05 0	6.6E-03 13 228

STATISTICS

NUMBER OF READINGS 352

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	2.89E-03	7.31E-05	3.58E-04	1.47E-06	4.91E-06
S02	1.48E-03	9.34E-03	3.04E-03	9.69E-04	2.91E-03	1.33E+00
NOX	1.97E-02	2.55E-01	5.26E-02	3.00E-02	4.68E-02	1.58E-00
NO2	1.00E-06	1.56E-01	2.00E-02	2.13E-02	7.24E-03	1.45E-01
NO	8.19E-03	2.26E-01	3.60E-02	2.51E-02	3.10E-02	1.66E+00
OZONE	1.00E-06	1.29E-02	4.31E-03	3.23E-03	1.80E-03	8.98E+00
SOLAR RAD	1.00E-06	7.60E-03	8.18E-04	1.64E-03	8.22E-05	8.05E+00
TEMP	12	16	14	1		
HUMIDITY	472	690	585	69	581	1
BAROMETER	989	990	990	0	990	0
WIND SPEED	0	15	2	3	0	99

MAXIMUM
AVERAGE

H2S	1.84E-03
S02	5.30E-03
NOX	9.89E-02
NO2	4.19E-02
NO	6.94E-02
OZONE	1.09E-02
SOLAR RAD	5.79E-03
TEMP	15
HUMIDITY	687
BAROMETER	990
WIND SPEED	8
WIND DIRECTION	324

RED ROCK #1

13:53 AUG 26 1978

SCAN= 60

SEC

AVE= 30

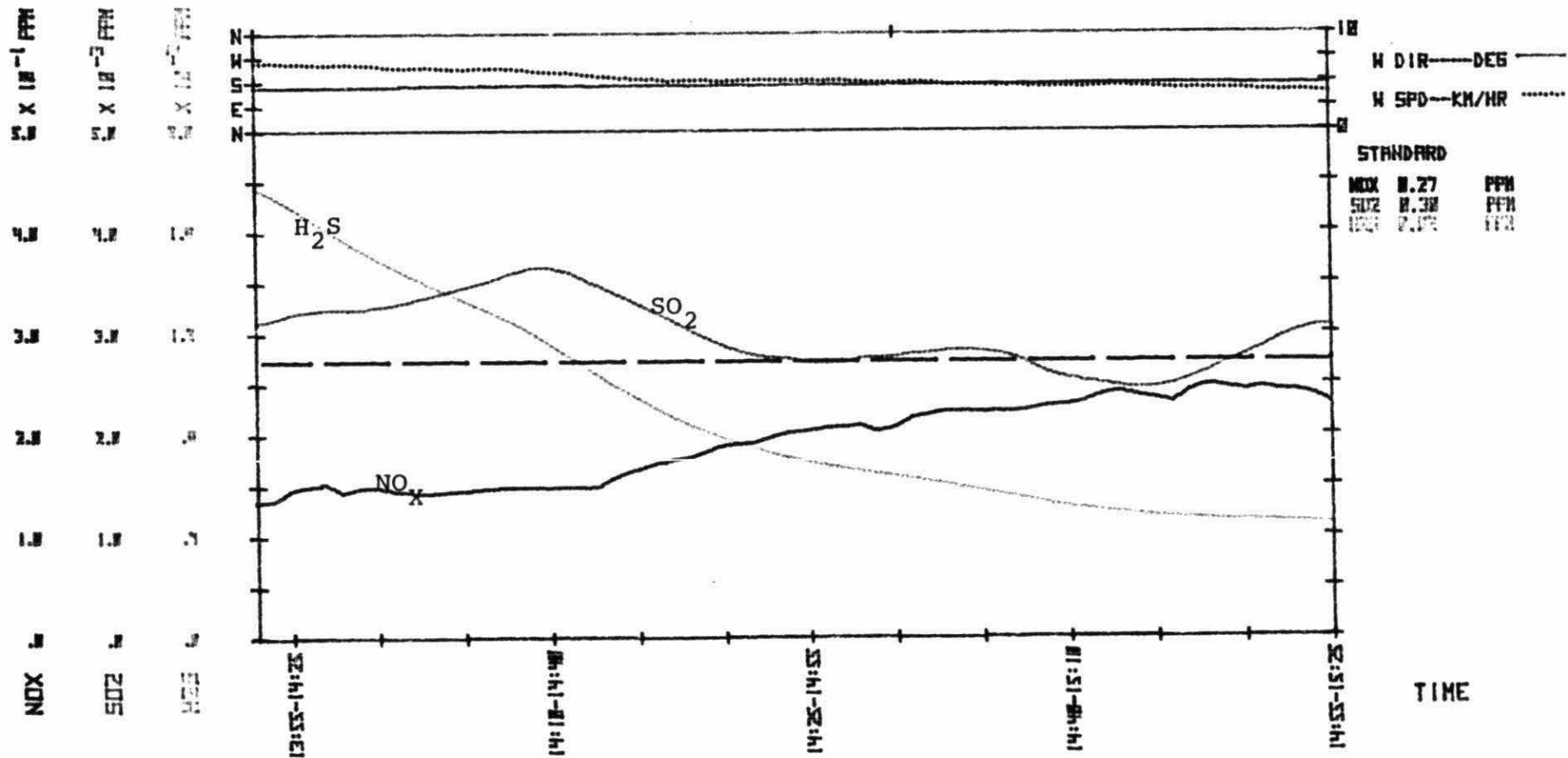
MIN

HWY #17, 1 MILE WEST GOLF CLUB ROAD

0.015
18
100
986

0.018
18
100
986

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



16:34 AUG 26 1978 SCAN= 50 SEC AVE= 30 MIN
WATER TREATMENT PLANT, NW OF MILL, 300YDS WE ESSD ON N OF RD

0.009
12
120
996

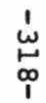
0.001
10
100
996

17
100
995

17
122
594

8.881
17
188
993

SRAD	W/CH2
TEMP	DEG C
HUM	% REL
PRES	MBAR



RED ROCK #3

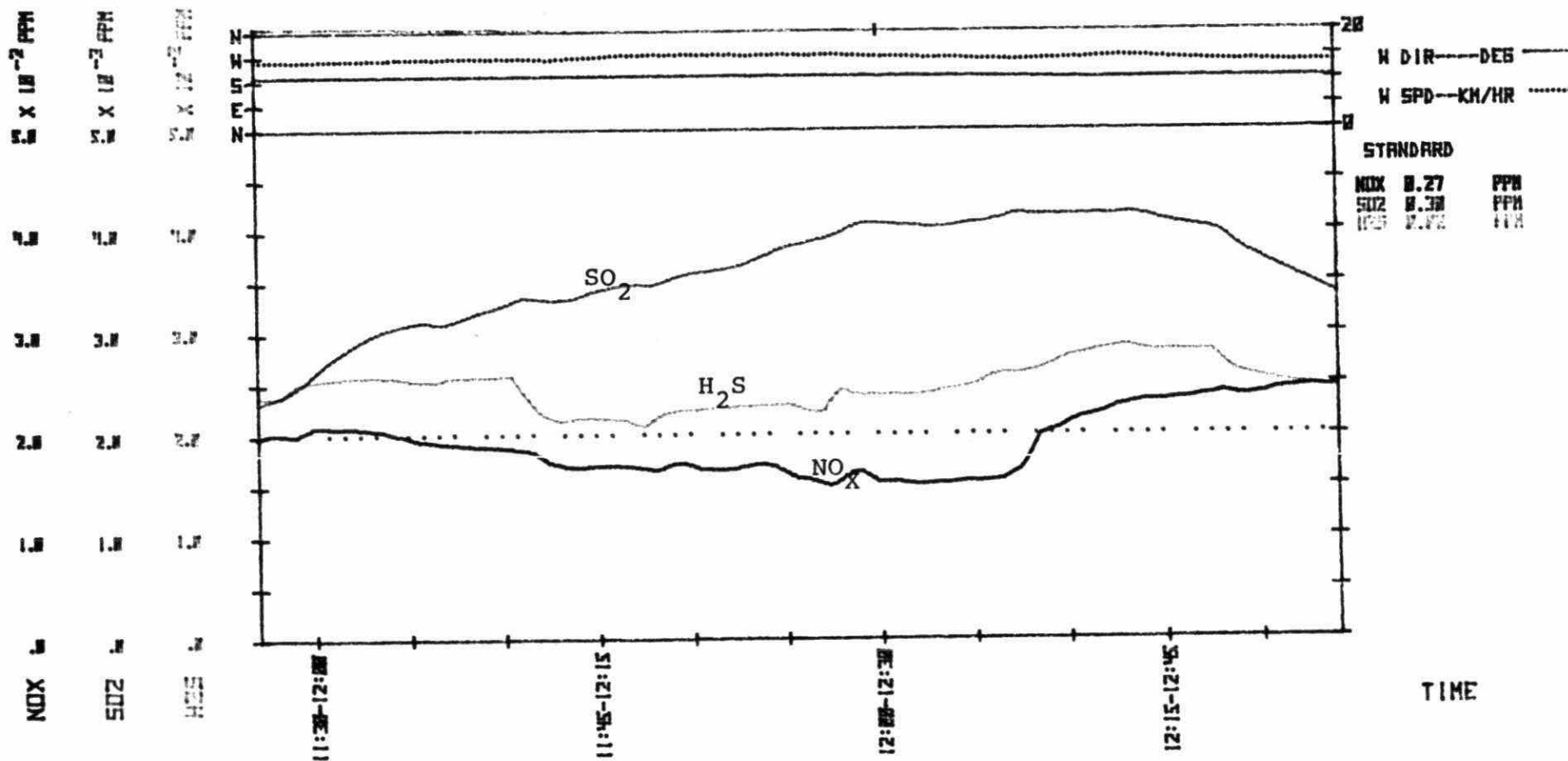
11:27 AUG 27 1978
100M E OF FENCE, 100M SE ESSO

SCAN= 30 SEC AVE= 30 MIN

0.007
17
100
992

0.008
17
100
992

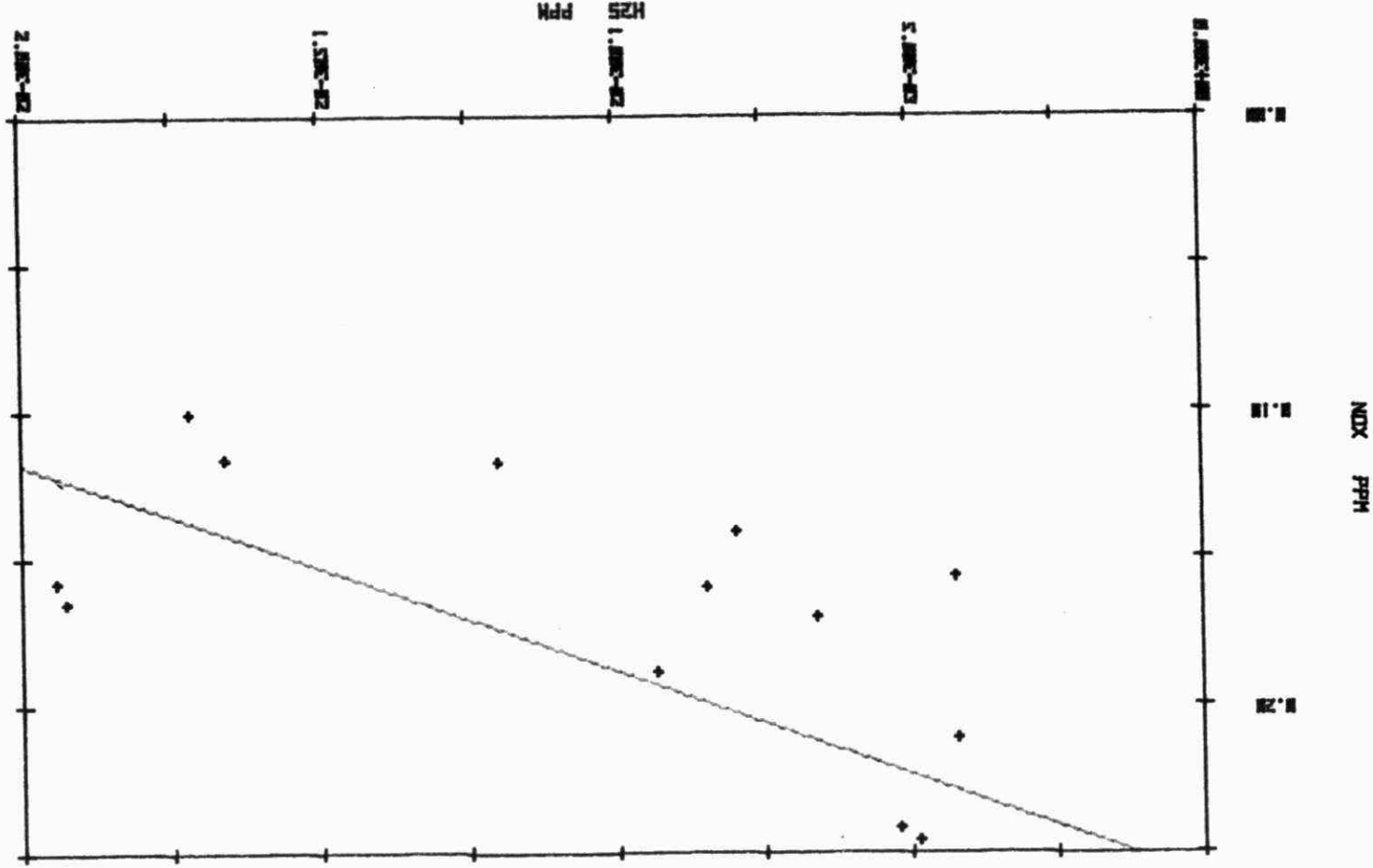
SRAD W/CM2
TEMP DEG C
HUM % REL
PRES MBAR



N25 VS N20

SURVEY: RED ROCK #1
 START TIME: 13:53 AUG 26 1978
 SCRN TIME: 60 SEC
 LOCATION: HWY #17, 1.6KM W OF BOLF CLUB RD (X4238-Y2685); BKM 1.318 DBS/SRC
 DURATION: 1.5 HRS
 AVERAGING TIME: 5 MIN
 DELTA: 0

NO POINTS= 18
 COR COEFF=-0.78448
 H25
 MEAN = 0.0088
 ST DEV = 0.0062
 N20
 MEAN = 0.1886
 ST DEV = 0.0523



RED ROCK #1

DATE: AUG 26 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION:
 HWY #17, 1.6KM W OF GOLF CLUB RD (X0230-Y2605); 8KM @ 310 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTI
13:53----14:23	3.3E+01 1.2E+00 9.5E-02 133	1.8E-02 9.1E-01 1.6E-02 986	2.2E+00 1.3E-01 1.5E-02 7	3.1E-03 4.4E-02 18 163
13:58----14:28	3.2E+01 1.2E+00 1.1E-01 133	1.6E-02 9.1E-01 1.7E-02 986	2.1E+00 1.4E-01 1.4E-02 7	3.2E-03 4.0E-02 18 163
14:03----14:33	3.2E+01 1.1E+00 1.1E-01 134	1.4E-02 9.1E-01 1.7E-02 986	2.1E+00 1.4E-01 1.3E-02 7	3.3E-03 3.8E-02 18 167
14:08----14:38	3.3E+01 1.1E+00 1.1E-01 134	1.2E-02 9.1E-01 1.7E-02 986	2.1E+00 1.5E-01 1.3E-02 6	3.6E-03 4.2E-02 18 168
14:13----14:43	3.3E+01 1.1E+00 1.1E-01 135	1.0E-02 9.1E-01 1.6E-02 986	2.1E+00 1.5E-01 1.3E-02 6	3.4E-03 4.2E-02 18 167
14:18----14:48	3.4E+01 1.1E+00 1.3E-01 135	8.3E-03 9.1E-01 1.5E-02 986	2.1E+00 1.7E-01 1.3E-02 5	3.0E-03 5.1E-02 18 167
14:23----14:53	3.4E+01 1.1E+00 1.4E-01 134	7.2E-03 9.2E-01 1.5E-02 986	2.1E+00 2.0E-01 1.2E-02 5	2.7E-03 5.8E-02 18 167
14:28----14:58	3.4E+01 1.1E+00 1.5E-01 134	6.5E-03 9.2E-01 1.5E-02 986	2.1E+00 2.1E-01 1.1E-02 5	2.7E-03 6.5E-02 18 167
14:33----15:03	3.5E+01 1.2E+00 1.6E-01 134	5.9E-03 9.2E-01 1.4E-02 986	2.2E+00 2.2E-01 9.4E-03 5	2.8E-03 6.2E-02 18 169
14:38----15:08	3.5E+01 1.2E+00 1.7E-01 134	5.3E-03 9.3E-01 1.3E-02 986	2.2E+00 2.2E-01 8.9E-03 4	2.7E-03 6.0E-02 18 171

RED ROCK #1, CONT'D

PAGE 2

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
14:43----15:13	3.5E+01 1.2E+00 1.8E-01 135	4.8E-03 9.3E-01 1.3E-02 986	2.2E+00 2.4E-01 8.4E-03 5	2.5E-03 6.8E-02 18 172
14:48----15:18	3.5E+01 1.2E+00 1.8E-01 135	4.6E-03 9.3E-01 1.3E-02 986	2.2E+00 2.5E-01 7.8E-03 4	2.6E-03 7.2E-02 18 172
14:53----15:23	3.5E+01 1.2E+00 1.8E-01 136	4.4E-03 9.3E-01 1.4E-02 986	2.2E+00 2.4E-01 7.3E-03 4	3.0E-03 7.0E-02 17 170

STATISTICS

NUMBER OF READINGS 92

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	2.84E+01	4.46E+01	3.41E+01	2.98E+00	3.39E+01	1.09E+00
H2S	3.43E-03	2.20E-02	9.63E-03	6.10E-03	7.97E-03	1.84E+00
THC	2.03E+00	2.98E+00	2.16E+00	1.44E-01	2.16E+00	1.06E+00
SO2	1.49E-03	4.78E-03	2.95E-03	9.43E-04	2.80E-03	1.38E+00
THC-CH4	1.07E+00	1.99E+00	1.16E+00	1.14E-01	1.16E+00	1.09E+00
CH4	8.90E-01	9.44E-01	9.20E-01	1.30E-02	9.20E-01	1.01E+00
NOX	5.67E-02	5.94E-01	1.89E-01	9.47E-02	1.69E-01	1.58E+00
NO2	1.00E-06	4.73E-01	5.65E-02	7.33E-02	6.07E-03	7.12E+01
NO	3.48E-02	3.34E-01	1.40E-01	6.47E-02	1.26E-01	1.58E+00
OZONE	2.46E-03	2.41E-02	1.52E-02	5.15E-03	1.41E-02	1.53E+00
SOLAR RAD	4.66E-03	2.28E-02	1.12E-02	4.28E-03	1.04E-02	1.46E+00
TEMP	17	18	18	0		
HUMIDITY	129	140	135	3	134	1
BAROMETER	986	986	986	0	986	1
WIND SPEED	1	13	6	2	5	2

MAXIMUM
AVERAGE

CO	3.50E+01
H2S	1.77E-02
THC	2.21E+00
SO2	3.59E-03
THC-CH4	1.19E+00
CH4	9.32E-01
NOX	2.46E-01
NO2	7.21E-02
NO	1.82E-01
OZONE	1.67E-02
SOLAR RAD	1.46E-02
TEMP	18
HUMIDITY	136
BAROMETER	986
WIND SPEED	7
WIND DIRECTION	172

RED ROCK #2

DATE: AUG 26 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: WATER TREATMENT PLANT (X0780-Y2205); 1.3KM @ 320 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
16:34----17:04	3.8E+01 1.5E+00 2.1E-02 135	3.5E-02 9.9E-01 2.2E-02 996	2.6E+00 3.6E-02 8.8E-03 3	4.0E-03 1.9E-02 18 188
16:49----17:19	2.5E+01 1.0E+00 1.4E-02 93	2.3E-02 7.2E-01 1.7E-02 697	1.8E+00 2.0E-02 5.6E-03 2	2.4E-03 1.0E-02 13 211
17:04----17:34	1.5E+01 5.8E-01 2.8E-03 54	5.0E-03 4.3E-01 1.0E-02 399	1.1E+00 8.2E-03 2.2E-03 1	9.6E-04 7.0E-03 7 236
17:19----17:49	3.3E+01 2.1E+00 1.6E-02 95	5.7E-03 8.3E-01 1.7E-02 697	3.2E+00 2.6E-02 4.2E-03 1	1.7E-03 1.3E-02 13 238
17:34----18:04	4.6E+01 2.5E+00 2.1E-02 134	7.4E-03 1.1E+00 2.5E-02 996	4.1E+00 3.4E-02 7.2E-03 1	2.4E-03 1.6E-02 18 173
17:49----18:19	4.0E+01 1.2E+00 1.0E-02 138	5.8E-03 9.8E-01 2.7E-02 996	2.4E+00 2.0E-02 7.1E-03 3	1.5E-03 1.1E-02 18 160
18:04----18:34	4.0E+01 1.1E+00 7.4E-03 147	4.9E-03 9.7E-01 2.8E-02 996	2.1E+00 1.5E-02 7.9E-03 4	1.3E-03 9.1E-03 18 169
18:19----18:49	4.0E+01 1.1E+00 5.5E-03 151	4.5E-03 9.9E-01 2.9E-02 996	2.1E+00 1.2E-02 7.8E-03 3	2.1E-03 8.8E-03 18 171
18:34----19:04	4.0E+01 1.1E+00 4.1E-03 153	4.2E-03 1.0E+00 2.9E-02 995	2.1E+00 1.1E-02 5.7E-03 3	1.8E-03 8.5E-03 18 167
18:49----19:19	4.2E+01 1.1E+00 6.9E-03 150	3.9E-03 1.0E+00 2.8E-02 995	2.2E+00 1.6E-02 4.2E-03 2	1.2E-03 1.1E-02 18 168

RED ROCK #2, CONT'D

PAGE 2

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
19:04----19:34	4.2E+01 1.2E+00 2.0E-02 146	4.0E-03 1.0E+00 2.8E-02 995	2.3E+00 2.1E-02 2.7E-03 1	1.3E-03 1.1E-02 18 159
19:19----19:49	4.2E+01 1.7E+00 2.4E-02 145	3.8E-03 1.0E+00 2.7E-02 995	3.1E+00 3.0E-02 1.8E-03 0	1.4E-03 1.5E-02 18 160
19:34----20:04	4.7E+01 2.3E+00 2.7E-02 145	4.6E-03 1.1E+00 2.4E-02 996	4.2E+00 5.2E-02 1.3E-03 0	2.8E-03 2.8E-02 18 159
19:49----20:19	4.9E+01 1.8E+00 2.5E-02 151	5.8E-03 1.0E+00 2.2E-02 996	3.5E+00 4.7E-02 1.1E-03 0	3.9E-03 2.4E-02 17 342
20:04----20:34	4.8E+01 1.5E+00 1.5E-02 159	5.3E-03 1.0E+00 2.1E-02 995	2.3E+00 3.1E-02 7.7E-04 0	3.7E-03 1.6E-02 17 342
20:19----20:49	5.2E+01 2.4E+00 1.7E-02 165	4.7E-03 1.1E+00 2.0E-02 995	2.9E+00 3.5E-02 4.2E-04 0	4.5E-03 1.7E-02 17 111
20:34----21:04	7.2E+01 5.5E+00 3.4E-02 164	4.8E-03 1.5E+00 2.0E-02 995	6.5E+00 5.7E-02 1.3E-04 0	6.3E-03 2.6E-02 18 111
20:49----21:19	6.9E+01 4.7E+00 3.3E-02 163	4.9E-03 1.4E+00 1.8E-02 995	6.0E+00 5.4E-02 4.6E-05 0	6.8E-03 2.7E-02 17 125
21:04----21:34	5.2E+01 2.1E+00 2.0E-02 168	4.5E-03 1.1E+00 1.5E-02 995	3.4E+00 3.5E-02 2.2E-05 0	5.3E-03 1.9E-02 17 271
21:19----21:49	5.2E+01 2.3E+00 2.1E-02 175	4.1E-03 1.1E+00 1.8E-02 995	3.8E+00 3.2E-02 1.5E-05 1	4.4E-03 1.4E-02 17 165
21:34----22:04	5.1E+01 1.8E+00 1.9E-02 177	4.8E-03 1.1E+00 2.0E-02 995	3.2E+00 2.7E-02 1.8E-05 1	3.8E-03 1.2E-02 17 166

RED ROCK #2, CONT'D

PAGE 3

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
21:49----22:19	4.9E+01 1.6E+00 1.8E-02 181	5.2E-03 1.0E+00 1.2E-02 995	3.1E+00 3.5E-02 1.8E-05 1	3.4E-03 2.0E-02 17 339
22:04----22:34	5.0E+01 1.4E+00 1.9E-02 188	4.8E-03 1.0E+00 6.2E-03 995	2.7E+00 3.8E-02 1.3E-05 0	3.0E-03 2.2E-02 17 331
22:19----22:49	5.2E+01 1.4E+00 1.6E-02 193	4.4E-03 1.0E+00 9.0E-03 996	3.0E+00 3.3E-02 1.4E-05 1	2.7E-03 2.1E-02 17 175
22:34----23:04	5.0E+01 1.7E+00 1.5E-02 197	4.1E-03 1.1E+00 1.1E-02 996	3.2E+00 3.0E-02 1.6E-05 0	2.9E-03 1.9E-02 17 177
22:49----23:19	5.3E+01 3.0E+00 1.9E-02 199	3.7E-03 1.2E+00 1.4E-02 995	4.4E+00 3.2E-02 1.8E-05 1	3.1E-03 1.6E-02 17 148
23:04----23:34	5.2E+01 2.7E+00 1.7E-02 197	3.1E-03 1.1E+00 1.4E-02 995	4.2E+00 3.2E-02 1.6E-05 0	2.8E-03 1.5E-02 17 169
23:19----23:49	5.8E+01 3.7E+00 2.2E-02 198	3.1E-03 1.3E+00 8.5E-03 995	5.4E+00 4.9E-02 1.3E-05 0	3.0E-03 2.4E-02 17 291
23:34----00:04	5.8E+01 3.9E+00 2.4E-02 201	3.1E-03 1.4E+00 6.2E-03 995	5.8E+00 5.3E-02 1.2E-05 0	2.9E-03 2.8E-02 17 93
23:49----00:19	5.6E+01 4.5E+00 2.7E-02 207	3.1E-03 1.5E+00 6.2E-03 995	5.7E+00 4.5E-02 1.1E-05 0	2.6E-03 2.7E-02 16 48
00:04----00:34	5.6E+01 4.6E+00 2.8E-02 214	2.8E-03 1.4E+00 1.3E-02 995	6.0E+00 4.1E-02 1.8E-05 0	3.1E-03 2.1E-02 17 147
00:19----00:49	5.6E+01 3.2E+00 2.7E-02 216	2.7E-03 1.2E+00 1.6E-02 995	5.4E+00 4.3E-02 1.8E-05 0	3.5E-03 1.6E-02 17 156

RED ROCK #2, CONT'D

PAGE 4

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
00:34----01:04	5.5E+01 2.8E+00 2.7E-02 211	2.8E-03 1.2E+00 1.6E-02 995	4.8E+00 4.2E-02 1.2E-05 3	3.1E-03 1.5E-02 17 173
00:49----01:19	4.6E+01 1.3E+00 1.5E-02 204	3.0E-03 1.0E+00 1.7E-02 995	2.4E+00 2.1E-02 9.3E-06 5	2.3E-03 8.5E-03 17 174
01:04----01:34	4.4E+01 1.3E+00 8.9E-03 198	4.1E-03 1.1E+00 1.6E-02 995	2.4E+00 1.6E-02 1.1E-05 6	2.2E-03 8.1E-03 17 179
01:19----01:49	4.2E+01 1.2E+00 6.5E-03 195	4.8E-03 1.1E+00 1.7E-02 995	2.4E+00 1.4E-02 1.5E-05 6	1.9E-03 8.1E-03 17 178
01:34----02:04	4.1E+01 1.2E+00 4.7E-03 186	4.8E-03 1.1E+00 1.7E-02 995	2.4E+00 1.2E-02 1.5E-05 7	2.0E-03 8.0E-03 17 178
01:49----02:19	4.2E+01 1.2E+00 3.7E-03 177	4.4E-03 1.1E+00 1.7E-02 995	2.3E+00 1.1E-02 1.5E-05 8	2.3E-03 8.8E-03 17 179
02:04----02:34	4.3E+01 1.2E+00 3.2E-03 177	4.0E-03 1.1E+00 1.6E-02 994	2.3E+00 1.0E-02 1.5E-05 8	2.2E-03 8.9E-03 17 180
02:19----02:49	4.3E+01 1.2E+00 3.0E-03 181	3.9E-03 1.1E+00 1.6E-02 994	2.3E+00 9.9E-03 1.5E-05 9	2.1E-03 8.9E-03 17 179
02:34----03:04	4.3E+01 1.2E+00 2.8E-03 188	3.4E-03 1.1E+00 1.5E-02 994	2.4E+00 9.9E-03 1.2E-05 9	2.1E-03 9.2E-03 17 171
02:49----03:19	4.4E+01 1.3E+00 2.7E-03 190	2.7E-03 1.2E+00 1.5E-02 994	2.5E+00 9.6E-03 9.7E-06 7	1.9E-03 8.6E-03 17 164
03:04----03:34	4.4E+01 1.3E+00 2.7E-03 188	2.2E-03 1.2E+00 1.5E-02 994	2.6E+00 9.6E-03 9.3E-06 6	1.7E-03 8.5E-03 17 163

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
03:19----03:49	4.5E+01 1.3E+00 3.0E-03 183	2.0E-03 1.1E+00 1.5E-02 994	2.5E+00 9.8E-03 1.3E-05 6	1.6E-03 8.9E-03 17 166
03:34----04:04	4.6E+01 1.2E+00 3.3E-03 181	1.9E-03 1.1E+00 1.6E-02 994	2.4E+00 1.0E-02 1.5E-05 6	1.7E-03 8.8E-03 17 165
03:49----04:19	4.7E+01 1.4E+00 3.0E-03 182	1.8E-03 1.2E+00 1.6E-02 994	2.6E+00 1.0E-02 1.3E-05 6	1.8E-03 8.8E-03 17 161
04:04----04:34	4.8E+01 1.4E+00 3.1E-03 183	1.7E-03 1.3E+00 1.5E-02 994	2.7E+00 1.0E-02 1.1E-05 6	1.8E-03 8.9E-03 17 156
04:19----04:49	4.7E+01 1.4E+00 3.4E-03 182	1.5E-03 1.2E+00 1.5E-02 994	2.7E+00 1.0E-02 1.0E-05 7	3.2E-03 9.0E-03 17 152
04:34----05:04	4.7E+01 1.4E+00 3.1E-03 181	1.5E-03 1.2E+00 1.5E-02 993	2.7E+00 1.0E-02 9.3E-06 8	3.7E-03 9.0E-03 17 154
04:49----05:19	4.8E+01 1.4E+00 2.7E-03 180	1.5E-03 1.2E+00 1.6E-02 993	2.6E+00 9.5E-03 1.1E-05 9	2.6E-03 8.6E-03 17 156
05:04----05:34	4.9E+01 1.3E+00 2.6E-03 176	1.4E-03 1.1E+00 1.7E-02 993	2.5E+00 8.9E-03 1.9E-05 9	2.3E-03 7.8E-03 17 157
05:19----05:49	4.9E+01 1.3E+00 2.5E-03 170	1.2E-03 1.1E+00 1.7E-02 993	2.5E+00 9.0E-03 2.7E-05 10	1.9E-03 8.3E-03 17 155
05:34----06:04	4.9E+01 1.2E+00 2.5E-03 170	1.2E-03 1.1E+00 1.7E-02 993	2.4E+00 9.4E-03 2.5E-05 10	2.0E-03 8.7E-03 17 154
05:49----06:19	4.9E+01 1.2E+00 2.7E-03 172	1.2E-03 1.1E+00 1.6E-02 993	2.4E+00 9.3E-03 2.0E-05 9	1.8E-03 8.3E-03 17 160

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
06:04----06:34	4.9E+01 1.4E+00 2.6E-03 174	1.6E-03 1.2E+00 1.6E-02 993	2.6E+00 9.3E-03 2.0E-05 10	1.8E-03 8.5E-03 17 167
06:19----06:49	4.9E+01 1.3E+00 2.5E-03 177	1.9E-03 1.1E+00 1.5E-02 993	2.6E+00 9.5E-03 4.0E-05 12	2.3E-03 8.8E-03 17 165
06:34----07:04	4.9E+01 1.3E+00 2.6E-03 179	1.6E-03 1.1E+00 1.5E-02 993	2.4E+00 9.6E-03 1.2E-04 13	2.0E-03 8.6E-03 17 163
06:49----07:19	4.9E+01 1.3E+00 2.9E-03 180	1.4E-03 1.1E+00 1.6E-02 993	2.4E+00 9.4E-03 3.3E-04 12	1.7E-03 8.1E-03 17 162
07:04----07:34	4.9E+01 1.3E+00 2.9E-03 181	1.3E-03 1.1E+00 1.6E-02 993	2.5E+00 8.7E-03 6.4E-04 11	1.9E-03 7.8E-03 17 157
07:19----07:49	4.9E+01 1.2E+00 2.5E-03 181	1.2E-03 1.1E+00 1.7E-02 993	2.4E+00 8.1E-03 8.0E-04 11	1.9E-03 7.3E-03 17 153
07:34----08:04	4.8E+01 1.2E+00 2.4E-03 192	1.1E-03 1.1E+00 1.9E-02 993	2.4E+00 7.8E-03 8.2E-04 14	1.8E-03 6.8E-03 17 161
07:49----08:19	4.9E+01 1.3E+00 4.7E-03 207	1.2E-03 1.1E+00 2.0E-02 993	2.4E+00 9.6E-03 9.7E-04 16	1.9E-03 6.8E-03 17 165
08:04----08:34	4.9E+01 1.4E+00 4.7E-03 212	1.2E-03 1.2E+00 2.1E-02 993	2.7E+00 1.0E-02 1.7E-03 16	1.9E-03 7.1E-03 17 166
08:19----08:49	5.0E+01 1.5E+00 2.4E-03 211	1.1E-03 1.3E+00 2.1E-02 993	3.0E+00 8.4E-03 2.6E-03 15	1.5E-03 7.1E-03 17 165
08:34----09:04	5.0E+01 1.5E+00 2.5E-03 207	9.9E-04 1.3E+00 2.2E-02 993	2.9E+00 1.4E-02 3.2E-03 16	1.4E-03 1.4E-02 17 165

RED ROCK #2, CONT'D

PAGE 7

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
08:49----09:19	4.9E+01 1.5E+00 2.3E-03 205	1.1E-03 1.3E+00 2.3E-02 993	2.9E+00 1.5E-02 3.5E-03 16	1.6E-03 1.4E-02 17 167
09:04----09:34	4.9E+01 1.6E+00 2.3E-03 206	1.3E-03 1.3E+00 2.3E-02 992	3.0E+00 8.7E-03 4.0E-03 15	1.7E-03 8.0E-03 17 166
09:19----09:49	4.8E+01 1.5E+00 2.4E-03 207	1.2E-03 1.3E+00 2.5E-02 992	2.9E+00 8.4E-03 5.0E-03 16	1.6E-03 7.8E-03 17 166
09:34----10:04	4.8E+01 1.5E+00 2.5E-03 208	9.6E-04 1.3E+00 2.8E-02 992	2.8E+00 8.5E-03 5.0E-03 17	1.4E-03 7.6E-03 17 167
09:49----10:19	4.8E+01 1.4E+00 2.5E-03 210	9.8E-04 1.2E+00 3.1E-02 992	2.7E+00 9.0E-03 4.1E-03 17	1.2E-03 8.0E-03 17 167

STATISTICS

NUMBER OF READINGS 715

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	1.00E-06	1.47E+02	4.73E+01	1.34E+01	3.51E+01	9.76E+00
H2S	1.00E-06	7.67E-02	3.98E-03	6.43E-03	2.41E-03	3.59E+00
THC	1.00E-06	3.05E+01	3.04E+00	2.74E+00	2.12E+00	6.98E+00
SO2	1.00E-06	1.75E-02	2.46E-03	1.51E-03	1.83E-03	3.45E+00
THC-CH4	1.00E-06	1.93E+01	1.76E+00	2.21E+00	1.15E+00	6.57E+00
CH4	1.00E-06	3.38E+00	1.12E+00	2.94E-01	8.89E-01	6.04E+00
NOX	1.00E-06	1.76E-01	2.11E-02	2.17E-02	1.36E-02	4.14E+00
NO2	1.00E-06	1.38E-01	1.27E-02	1.29E-02	7.21E-03	7.00E+00
NO	1.00E-06	1.50E-01	1.07E-02	1.56E-02	5.34E-03	4.48E+00
OZONE	1.00E-06	3.53E-02	1.83E-02	6.93E-03	1.45E-02	3.81E+00
SOLAR RAD	1.00E-06	1.19E-02	1.56E-03	2.60E-03	1.16E-04	1.57E+01
TEMP	0	18	17	2		
HUMIDITY	0	219	177	33	130	12
BAROMETER	0	997	978	128	702	14
WIND SPEED	0	24	6	6	0	811

MAXIMUM
AVERAGE

CO	7.20E+01
H2S	3.49E-02
THC	6.48E+00
SO2	6.83E-03
THC-CH4	5.48E+00
CH4	1.52E+00
NOX	5.67E-02
NO2	2.80E-02
NO	3.42E-02
OZONE	3.14E-02
SOLAR RAD	8.75E-03
TEMP	18
HUMIDITY	216
BAROMETER	996
WIND SPEED	17
WIND DIRECTION	342

RED ROCK #3

DATE: AUG 27 1978

SCAN TIME: 30 SEC

AVERAGING TIME: 30 MIN

LOCATION:

0.1KM E OF FENCE, 0.1KM SE OF ESSO (X0835-Y2150); 0.5KM & 340 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
11:27----11:57	7.9E+01 1.4E-01 7.3E-03 216	2.4E-02 7.2E-03 3.2E-02 992	1.5E-01 2.0E-02 6.7E-03 14	2.3E-03 1.5E-02 17 196
11:32----12:02	7.9E+01 1.5E-01 7.6E-03 216	2.6E-02 1.1E-02 3.1E-02 992	1.6E-01 2.1E-02 7.1E-03 14	2.9E-03 1.5E-02 17 197
11:37----12:07	8.0E+01 1.6E-01 7.0E-03 215	2.5E-02 1.1E-02 3.2E-02 992	1.8E-01 1.9E-02 7.3E-03 15	3.1E-03 1.4E-02 17 199
11:42----12:12	8.1E+01 1.6E-01 5.5E-03 213	2.2E-02 8.2E-03 3.2E-02 992	1.7E-01 1.8E-02 7.5E-03 15	3.3E-03 1.4E-02 17 199
11:47----12:17	8.2E+01 1.5E-01 5.4E-03 212	2.1E-02 9.2E-03 3.2E-02 992	1.6E-01 1.7E-02 7.8E-03 15	3.5E-03 1.3E-02 17 198
11:52----12:22	8.3E+01 1.5E-01 5.3E-03 211	2.3E-02 6.0E-03 3.2E-02 992	1.7E-01 1.7E-02 8.0E-03 15	3.6E-03 1.3E-02 17 197
11:57----12:27	8.4E+01 1.3E-01 4.5E-03 209	2.2E-02 6.0E-03 3.3E-02 992	1.4E-01 1.5E-02 8.0E-03 15	3.9E-03 1.2E-02 17 197
12:02----12:32	8.6E+01 1.2E-01 4.3E-03 208	2.4E-02 4.5E-03 3.2E-02 992	1.3E-01 1.5E-02 8.1E-03 15	4.1E-03 1.3E-02 17 196
12:07----12:37	8.8E+01 1.7E-01 5.0E-03 207	2.6E-02 5.8E-03 3.1E-02 992	1.9E-01 1.6E-02 8.4E-03 14	4.2E-03 1.3E-02 17 192
12:12----12:42	9.0E+01 2.2E-01 7.9E-03 206	2.8E-02 6.4E-03 3.0E-02 992	2.7E-01 2.2E-02 8.8E-03 15	4.2E-03 1.7E-02 17 188

RED ROCK #3: CONT'D

PAGE 2

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
12:17-----12:47	9.3E+01 2.7E-01 8.3E-03 205	2.8E-02 5.2E-03 3.0E-02 992	3.2E-01 2.4E-02 8.8E-03 14	4.0E-03 1.8E-02 17 189
12:22-----12:52	9.5E+01 3.1E-01 8.4E-03 204	2.5E-02 4.7E-03 2.9E-02 992	3.7E-01 2.5E-02 9.1E-03 14	3.6E-03 1.9E-02 17 188

STATISTICS

NUMBER OF READINGS 174

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEVL.
CO	7.35E+01	1.03E+02	8.63E+01	7.77E+00	8.60E+01	1.09E+00
H2S	9.84E-03	1.07E-01	2.36E-02	1.51E-02	2.09E-02	1.56E+00
THC	1.00E-06	1.76E+00	2.28E-01	2.81E-01	9.41E-03	2.01E-02
SO2	6.39E-04	6.37E-03	3.18E-03	1.26E-03	2.88E-03	1.63E-02
THC-CH4	1.00E-06	1.35E+00	1.99E-01	2.08E-01	3.22E-02	5.99E+01
CH4	1.00E-06	2.25E-01	6.17E-03	2.94E-02	2.62E-06	2.12E+01
NOX	8.11E-03	1.12E-01	2.02E-02	1.37E-02	1.77E-02	1.61E-02
NO2	7.84E-04	7.04E-02	1.54E-02	1.03E-02	1.31E-02	1.76E-02
NO	1.19E-03	4.98E-02	6.85E-03	7.13E-03	5.13E-03	2.01E+00
OZONE	1.05E-02	3.75E-02	3.12E-02	3.97E-03	3.08E-02	1.17E+00
SOLAR RAD	4.64E-03	1.16E-02	8.06E-03	1.51E-03	7.92E-03	1.21E+00
TEMP	16	17	17	0		
HUMIDITY	200	222	210	5	210	1
BAROMETER	991	993	992	0	992	
WIND SPEED	6	24	15	3	14	

MAXIMUM
AVERAGE

CO	9.47E+01
H2S	2.84E-02
THC	3.69E-01
SO2	4.17E-03
THC-CH4	3.05E-01
CH4	1.08E-02
NOX	2.45E-02
NO2	1.88E-02
NO	8.36E-03
OZONE	3.27E-02
SOLAR RAD	9.12E-03
TEMP	17
HUMIDITY	216
BAROMETER	992
WIND SPEED	15
WIND DIRECTION	199

RED ROCK #4

DATE: AUG 27 1978

SCAN TIME: 90 SEC

AVERAGING TIME: 30 MIN

LOCATION:

2.4KM N OF HWY #628 ON RED ROCK RD #1 (X0560-Y2415); 5KM & 310DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
13:25----13:55	1.1E+02 4.2E+00 7.8E-02 202	1.0E-02 1.4E-01 2.4E-02 982	7.8E+00 1.3E-01 5.6E-03 1	4.6E-03 6.3E-02 17 113
13:31----14:01	1.1E+02 4.1E+00 7.2E-02 202	1.0E-02 1.4E-01 2.5E-02 982	7.3E+00 1.1E-01 5.4E-03 1	4.8E-03 5.0E-02 17 115
13:37----14:07	1.1E+02 6.0E+00 7.0E-02 204	1.1E-02 2.1E-01 2.4E-02 982	1.0E+01 1.0E-01 4.9E-03 1	5.3E-03 4.7E-02 17 116
13:43----14:13	1.0E+02 8.0E+00 6.8E-02 205	1.2E-02 3.1E-01 2.4E-02 982	1.1E+01 1.0E-01 4.5E-03 1	5.6E-03 5.1E-02 17 121
13:49----14:19	1.0E+02 5.5E+00 6.1E-02 207	1.1E-02 2.1E-01 2.5E-02 982	8.5E+00 8.9E-02 4.1E-03 1	5.1E-03 4.3E-02 17 115
13:55----14:25	9.9E+01 5.1E+00 5.4E-02 208	1.1E-02 1.9E-01 2.5E-02 982	7.2E+00 6.6E-02 3.8E-03 1	4.5E-03 2.4E-02 17 117
14:01----14:31	1.0E+02 6.5E+00 5.3E-02 211	1.1E-02 2.3E-01 2.5E-02 982	1.1E+01 6.8E-02 4.0E-03 1	4.6E-03 2.6E-02 17 113
14:07----14:37	1.1E+02 4.4E+00 5.4E-02 213	9.5E-03 1.6E-01 2.5E-02 981	6.7E+00 6.8E-02 4.2E-03 1	4.6E-03 2.4E-02 17 113
14:13----14:43	1.1E+02 2.1E+00 5.2E-02 213	8.6E-03 4.6E-02 2.5E-02 981	6.1E+00 5.9E-02 4.7E-03 2	4.2E-03 1.8E-02 17 114
14:19----14:49	1.1E+02 2.4E+00 5.0E-02 214	7.6E-03 4.6E-02 2.5E-02 981	6.6E+00 5.8E-02 5.0E-03 2	4.1E-03 1.4E-02 17 119

RED ROCK #4, CONT'D

PAGE 2

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
14:25----14:55	1.1E+02 2.4E+00 4.6E-02 214	7.1E-03 3.8E-02 2.5E-02 981	7.0E+00 5.7E-02 5.3E-03 2	4.2E-03 1.3E-02 17 116
14:31----15:01	1.2E+02 1.3E+00 4.5E-02 212	7.3E-03 1.7E-03 2.4E-02 981	4.0E+00 6.0E-02 5.7E-03 2	4.0E-03 1.2E-02 17 119
14:37----15:07	1.2E+02 1.4E+00 4.5E-02 210	8.2E-03 1.7E-03 2.4E-02 981	4.6E+00 5.8E-02 6.0E-03 2	4.1E-03 1.1E-02 17 119
14:43----15:13	1.2E+02 1.6E+00 4.5E-02 210	9.2E-03 2.3E-03 2.3E-02 981	5.0E+00 5.9E-02 5.8E-03 2	4.4E-03 1.3E-02 17 114
14:49----15:19	1.2E+02 1.3E+00 4.6E-02 210	1.1E-02 2.3E-03 2.3E-02 981	4.4E+00 6.1E-02 6.0E-03 2	4.8E-03 1.6E-02 17 114
14:55----15:25	1.2E+02 1.2E+00 4.2E-02 210	1.3E-02 8.2E-03 2.3E-02 981	4.2E+00 6.0E-02 6.1E-03 2	5.0E-03 1.5E-02 17 118
15:01----15:31	1.2E+02 3.1E+00 6.2E-02 211	1.4E-02 8.9E-02 2.2E-02 981	5.0E+00 6.4E-02 6.1E-03 2	5.6E-03 1.6E-02 17 115
15:07----15:37	1.2E+02 3.6E+00 7.7E-02 212	1.4E-02 8.9E-02 2.1E-02 981	4.9E+00 7.6E-02 6.1E-03 2	6.0E-03 1.9E-02 17 112
15:13----15:43	1.2E+02 3.2E+00 8.5E-02 213	1.3E-02 8.9E-02 2.1E-02 981	3.8E+00 9.0E-02 6.4E-03 1	6.4E-03 2.9E-02 17 117
15:19----15:49	1.2E+02 3.9E+00 9.2E-02 215	1.2E-02 1.2E-01 2.0E-02 981	4.7E+00 9.2E-02 6.1E-03 1	6.6E-03 2.8E-02 17 127

STATISTICS

NUMBER OF READINGS 98

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	8.20E+01	2.00E+02	1.15E+02	3.16E+01	1.11E+02	1.27E+00
H2S	5.54E-03	1.96E-02	1.03E-02	3.13E-03	9.86E-03	1.34E+00
THC	1.00E-06	4.03E+01	6.03E+00	1.02E+01	5.36E-02	6.68E+02
SO2	1.91E-03	8.70E-03	4.97E-03	1.46E-03	4.74E-03	1.38E+00
THC-CH4	1.00E-06	3.49E+01	3.38E+00	7.09E+00	8.80E-02	2.47E+02
CH4	1.00E-06	1.52E+00	1.01E-01	3.08E-01	7.95E-06	1.16E+02
NOX	3.04E-02	3.35E-01	8.10E-02	5.16E-02	7.03E-02	1.66E+00
NO2	1.00E-06	2.17E-01	2.88E-02	4.35E-02	2.62E-03	6.79E+01
NO	2.24E-02	2.29E-01	6.38E-02	3.81E-02	5.49E-02	1.72E+00
OZONE	1.63E-02	3.04E-02	2.36E-02	3.69E-03	2.33E-02	1.17E+00
SOLAR RAD	2.98E-03	8.38E-03	5.30E-03	1.21E-03	5.15E-03	1.27E+00
TEMP	17	17	17	0		
HUMIDITY	197	222	210	6	210	1
BAROMETER	980	982	981	1	981	1
WIND SPEED	0	9	2	2	0	386

MAXIMUM
AVERAGE

CO	1.24E+02
H2S	1.43E-02
THC	1.12E+01
SO2	6.59E-03
THC-CH4	8.00E+00
CH4	3.08E-01
NOX	1.27E-01
NO2	6.28E-02
NO	9.23E-02
OZONE	2.55E-02
SOLAR RAD	6.36E-03
TEMP	17
HUMIDITY	215
BAROMETER	982
WIND SPEED	2
WIND DIRECTION	127

RED ROCK #5

DATE: AUG 27 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: RED ROCK INN (X0785-Y2165); 1KM & 310 DGS/SRC

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTI
16:12----16:42	1.0E+02 4.9E-01 2.7E-02 207	5.4E-02 5.0E-01 1.7E-02 989	9.7E-01 5.8E-02 6.3E-03 5	7.4E-03 3.3E-02 18 82
16:27----16:57	1.0E+02 1.1E+00 4.4E-02 210	1.0E-01 1.0E+00 1.6E-02 989	2.1E+00 6.2E-02 5.8E-03 4	8.8E-03 3.6E-02 18 64
16:42----17:12	1.1E+02 1.3E+00 3.9E-02 214	1.0E-01 1.2E+00 1.7E-02 989	2.6E+00 6.0E-02 4.9E-03 3	8.9E-03 3.3E-02 18 56
16:57----17:27	1.1E+02 1.4E+00 1.9E-02 219	5.8E-02 1.3E+00 1.6E-02 988	2.8E+00 4.3E-02 4.2E-03 5	6.7E-03 2.2E-02 18 62
17:12----17:42	1.1E+02 1.5E+00 1.5E-02 224	5.4E-02 1.4E+00 1.4E-02 988	3.0E+00 3.5E-02 4.4E-03 4	4.9E-03 2.1E-02 18 62
17:27----17:57	1.1E+02 1.6E+00 2.1E-02 228	8.8E-02 1.5E+00 1.1E-02 988	3.1E+00 4.0E-02 3.9E-03 5	5.0E-03 2.1E-02 18 82
17:42----18:12	1.1E+02 1.6E+00 2.5E-02 228	1.3E-01 1.5E+00 1.1E-02 988	3.2E+00 4.6E-02 2.7E-03 6	5.5E-03 2.6E-02 18 78
17:57----18:27	1.1E+02 1.6E+00 1.3E-02 229	1.0E-01 1.4E+00 1.4E-02 988	3.1E+00 3.1E-02 2.2E-03 7	4.9E-03 2.3E-02 17 55
18:12----18:42	1.1E+02 1.5E+00 5.1E-03 235	4.8E-02 1.4E+00 1.9E-02 988	3.1E+00 1.5E-02 2.3E-03 9	3.3E-03 1.1E-02 17 46
18:27----18:57	1.1E+02 1.6E+00 3.2E-03 240	2.5E-02 1.5E+00 2.2E-02 988	3.2E+00 1.0E-02 2.0E-03 9	5.5E-03 7.2E-03 17 44

RED ROCK #5, CONT'D

PAGE 2

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
18:42----19:12	1.1E+02 1.7E+00 3.0E-03 244	1.6E-02 1.5E+00 2.2E-02 988	3.3E+00 9.7E-03 1.6E-03 10	5.7E-03 6.5E-03 17 46
18:57----19:27	1.1E+02 1.8E+00 2.8E-03 247	1.2E-02 1.6E+00 2.3E-02 988	3.4E+00 8.6E-03 1.4E-03 10	2.3E-03 5.9E-03 17 45
19:12----19:42	1.1E+02 1.8E+00 2.2E-03 252	8.6E-03 1.6E+00 2.3E-02 987	3.5E+00 8.0E-03 1.2E-03 12	1.5E-03 6.7E-03 17 44
19:27----19:57	1.1E+02 1.8E+00 1.8E-03 257	6.5E-03 1.6E+00 2.3E-02 987	3.6E+00 7.9E-03 1.2E-03 13	9.5E-04 7.0E-03 17 40
19:42----20:12	1.1E+02 1.8E+00 1.6E-03 258	5.1E-03 1.6E+00 2.4E-02 987	3.6E+00 8.1E-03 1.2E-03 11	6.1E-04 6.7E-03 17 37
19:57----20:27	1.1E+02 1.9E+00 1.7E-03 255	4.3E-03 1.7E+00 2.5E-02 987	3.7E+00 7.5E-03 9.1E-04 11	6.4E-04 6.1E-03 17 43
20:12----20:42	1.1E+02 1.9E+00 2.9E-03 254	3.5E-03 1.7E+00 2.5E-02 987	3.7E+00 7.7E-03 4.4E-04 11	5.1E-04 6.6E-03 17 44
20:27----20:57	1.1E+02 1.8E+00 3.0E-03 257	2.7E-03 1.6E+00 2.5E-02 987	3.5E+00 8.0E-03 1.2E-04 11	4.5E-04 6.8E-03 17 38
20:42----21:12	1.1E+02 1.8E+00 1.9E-03 261	2.2E-03 1.6E+00 2.5E-02 986	3.4E+00 7.2E-03 4.6E-05 9	3.6E-04 6.2E-03 17 39
20:57----21:27	1.1E+02 1.8E+00 1.7E-03 264	2.0E-03 1.6E+00 2.6E-02 986	3.5E+00 7.1E-03 2.8E-05 9	2.5E-04 6.1E-03 17 39
21:12----21:42	1.1E+02 1.8E+00 2.3E-03 265	1.9E-03 1.6E+00 2.6E-02 986	3.6E+00 8.5E-03 2.8E-05 10	2.2E-04 6.3E-03 17 40

RED ROCK #5, CONT'D

PAGE 3

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
21:27----21:57	1.2E+02 1.8E+00 4.2E-03 268	4.0E-03 1.6E+00 2.4E-02 987	3.6E+00 1.3E-02 2.9E-05 6	4.7E-04 8.4E-03 17 44
21:42----22:12	1.2E+02 1.8E+00 6.7E-03 268	9.0E-03 1.6E+00 2.3E-02 986	3.4E+00 1.7E-02 2.8E-05 3	8.6E-04 1.2E-02 17 49
21:57----22:27	1.2E+02 1.8E+00 6.0E-03 270	8.3E-03 1.6E+00 2.5E-02 986	3.4E+00 1.4E-02 2.6E-05 4	1.0E-03 9.7E-03 17 35
22:12----22:42	1.1E+02 1.8E+00 3.4E-03 271	3.7E-03 1.6E+00 2.7E-02 986	3.5E+00 9.4E-03 2.6E-05 5	8.8E-04 6.5E-03 17 28
22:27----22:57	1.1E+02 1.8E+00 2.6E-03 260	2.2E-03 1.5E+00 2.8E-02 986	3.4E+00 8.6E-03 3.0E-05 5	6.5E-04 6.2E-03 17 35
22:42----23:12	1.1E+02 1.8E+00 2.9E-03 248	1.6E-03 1.6E+00 2.8E-02 986	3.5E+00 9.6E-03 3.1E-05 4	3.7E-04 7.3E-03 17 40
22:57----23:27	1.1E+02 1.9E+00 3.5E-03 240	1.3E-03 1.6E+00 2.8E-02 985	3.6E+00 1.1E-02 2.8E-05 4	2.0E-04 9.3E-03 17 42
23:12----23:42	1.1E+02 1.9E+00 3.2E-03 237	1.1E-03 1.6E+00 2.7E-02 985	3.6E+00 1.1E-02 2.7E-05 3	1.7E-04 9.3E-03 17 41
23:27----23:57	1.1E+02 1.9E+00 4.1E-03 237	8.9E-04 1.7E+00 2.7E-02 985	3.7E+00 1.7E-02 2.8E-05 2	2.6E-04 1.5E-02 17 39
23:42----00:12	1.2E+02 2.0E+00 1.2E-02 238	9.0E-04 1.7E+00 2.6E-02 985	3.8E+00 2.8E-02 2.8E-05 1	5.7E-04 2.0E-02 17 31
23:57----00:27	1.3E+02 2.0E+00 2.0E-02 239	7.9E-04 1.7E+00 2.1E-02 985	3.8E+00 3.5E-02 2.6E-05 0	8.6E-04 1.9E-02 17 330

RED ROCK #5, CONT'D

PAGE 4

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
00:12----00:42	1.2E+02 1.8E+00 1.9E-02 240	6.6E-04 1.6E+00 1.9E-02 985	3.5E+00 3.3E-02 2.2E-05 0	5.5E-04 1.6E-02 17 205
00:27----00:57	1.2E+02 1.6E+00 1.8E-02 241	5.5E-04 1.4E+00 1.8E-02 985	3.1E+00 3.1E-02 2.2E-05 0	2.7E-04 1.1E-02 17 53
00:42----01:12	1.3E+02 1.5E+00 2.8E-02 243	6.2E-04 1.3E+00 1.5E-02 985	2.9E+00 3.6E-02 2.2E-05 0	5.2E-04 1.1E-02 17 139
00:57----01:27	1.3E+02 1.4E+00 3.3E-02 245	6.1E-04 1.2E+00 1.5E-02 984	2.7E+00 4.2E-02 2.2E-05 0	9.9E-04 1.5E-02 17 3
01:12----01:42	1.4E+02 1.3E+00 3.5E-02 245	5.0E-04 1.2E+00 1.5E-02 984	2.6E+00 5.9E-02 2.2E-05 0	1.3E-03 2.9E-02 17 324
01:27----01:57	1.3E+02 1.3E+00 3.0E-02 245	3.9E-04 1.2E+00 1.3E-02 984	2.6E+00 5.5E-02 2.0E-05 0	8.9E-04 2.8E-02 17 323
01:42----02:12	1.3E+02 1.3E+00 2.1E-02 245	4.7E-04 1.2E+00 1.3E-02 984	2.5E+00 3.7E-02 2.4E-05 0	3.7E-04 1.5E-02 17 203
01:57----02:27	1.3E+02 1.3E+00 1.9E-02 244	5.6E-04 1.1E+00 1.6E-02 984	2.5E+00 3.3E-02 2.2E-05 0	1.6E-04 1.3E-02 17 200
02:12----02:42	1.2E+02 1.2E+00 1.7E-02 243	4.0E-04 1.1E+00 1.8E-02 984	2.4E+00 2.9E-02 1.7E-05 0	2.4E-03 9.5E-03 17 145
02:27----02:57	1.2E+02 1.2E+00 1.8E-02 243	2.5E-04 1.1E+00 1.9E-02 983	2.3E+00 3.1E-02 1.6E-05 0	3.1E-03 1.2E-02 17 202
02:42----03:12	1.3E+02 1.2E+00 2.2E-02 243	1.7E-04 1.1E+00 2.0E-02 983	2.4E+00 3.0E-02 1.9E-05 1	9.5E-04 1.1E-02 17 204

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
02:57----03:27	1.4E+02 1.2E+00 2.4E-02 242	1.6E-04 1.1E+00 1.9E-02 983	2.4E+00 3.1E-02 2.1E-05 1	3.5E-04 1.2E-02 17 206
03:12----03:42	1.4E+02 1.2E+00 2.0E-02 239	1.2E-04 1.1E+00 1.7E-02 982	2.3E+00 3.4E-02 1.6E-05 0	4.0E-04 1.7E-02 17 258
03:27----03:57	1.3E+02 1.2E+00 1.7E-02 238	6.3E-05 1.1E+00 1.8E-02 982	2.3E+00 3.1E-02 1.5E-05 0	4.4E-04 1.8E-02 17 267
03:42----04:12	1.2E+02 1.2E+00 1.6E-02 240	1.1E-05 1.1E+00 2.0E-02 982	2.3E+00 2.7E-02 9.5E-06 1	2.3E-04 1.1E-02 17 283
03:57----04:27	1.2E+02 1.2E+00 1.5E-02 240	2.9E-05 1.1E+00 2.1E-02 982	2.4E+00 2.4E-02 1.2E-05 0	2.2E-04 1.0E-02 17 238
04:12----04:42	1.2E+02 1.2E+00 1.1E-02 243	3.6E-05 1.1E+00 2.2E-02 982	2.4E+00 1.9E-02 1.9E-05 1	1.7E-04 1.1E-02 17 185
04:27----04:57	1.2E+02 1.1E+00 8.9E-03 244	9.8E-06 1.0E+00 2.2E-02 982	2.2E+00 1.7E-02 1.6E-05 1	1.0E-06 6.7E-03 17 183
04:42----05:12	1.3E+02 1.0E+00 7.6E-03 244	6.2E-06 9.7E-01 2.1E-02 982	2.0E+00 1.8E-02 1.3E-05 1	4.3E-05 9.9E-03 17 219
04:57----05:27	1.3E+02 1.0E+00 5.8E-03 246	5.1E-06 9.6E-01 2.0E-02 982	2.0E+00 1.5E-02 1.1E-05 1	4.3E-05 1.1E-02 16 225
05:12----05:42	1.2E+02 1.1E+00 6.7E-03 252	1.9E-06 9.9E-01 2.2E-02 982	2.1E+00 1.5E-02 2.6E-05 1	1.1E-05 8.6E-03 16 211
05:27----05:57	1.3E+02 1.1E+00 1.1E-02 253	1.9E-06 1.0E+00 2.3E-02 982	2.2E+00 2.2E-02 3.3E-05 1	3.2E-04 1.3E-02 17 230

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
05:42----06:12	1.3E+02 1.1E+00 1.4E-02 247	1.9E-06 1.0E+00 2.4E-02 982	2.2E+00 2.6E-02 2.6E-05 1	7.4E-04 1.5E-02 17 242
05:57----06:27	1.3E+02 1.1E+00 1.6E-02 239	4.7E-05 1.1E+00 2.6E-02 982	2.2E+00 2.7E-02 2.3E-05 0	1.2E-03 1.3E-02 17 359
06:12----06:42	1.4E+02 1.2E+00 1.9E-02 233	4.7E-05 1.1E+00 2.8E-02 982	2.4E+00 3.0E-02 2.2E-05 0	1.5E-03 1.3E-02 17 310
06:27----06:57	1.4E+02 1.3E+00 1.7E-02 232	1.9E-06 1.2E+00 2.7E-02 982	2.5E+00 3.1E-02 3.5E-05 0	1.5E-03 1.2E-02 17 307
06:42----07:12	1.4E+02 1.4E+00 1.3E-02 234	1.9E-06 1.2E+00 2.5E-02 982	2.6E+00 2.5E-02 9.6E-05 0	1.2E-03 1.0E-02 17 144
06:57----07:27	1.3E+02 1.4E+00 1.3E-02 234	1.9E-06 1.3E+00 2.4E-02 982	2.8E+00 2.7E-02 3.2E-04 0	8.9E-04 1.3E-02 17 20
07:12----07:42	1.3E+02 1.4E+00 1.9E-02 231	2.7E-05 1.3E+00 2.4E-02 982	2.8E+00 3.9E-02 9.8E-04 0	1.2E-03 2.4E-02 17 245
07:27----07:57	1.2E+02 1.5E+00 2.6E-02 225	2.7E-05 1.3E+00 2.6E-02 982	2.9E+00 4.3E-02 1.9E-03 1	1.8E-03 2.2E-02 17 306
07:42----08:12	1.4E+02 1.5E+00 2.9E-02 222	1.9E-06 1.4E+00 2.7E-02 982	3.0E+00 4.6E-02 4.2E-03 1	1.7E-03 2.3E-02 18 326
07:57----08:27	1.4E+02 1.5E+00 3.1E-02 219	1.9E-06 1.4E+00 2.5E-02 982	2.9E+00 5.0E-02 4.8E-03 0	1.4E-03 2.1E-02 18 305
08:12----08:42	1.3E+02 1.5E+00 3.3E-02 217	1.9E-06 1.3E+00 2.6E-02 982	2.9E+00 5.2E-02 2.6E-03 0	1.4E-03 1.7E-02 18 286

RED ROCK #5, CONT'D

PAGE 7

TIME	CO THC-CH4 NO HUMIDITY	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTI
08:27----08:57	1.5E+02 1.4E+00 3.8E-02 220	8.7E-06 1.3E+00 2.4E-02 982	2.8E+00 5.8E-02 1.9E-03 0	1.7E-03 2.6E-02 18 303
08:42----09:12	1.5E+02 1.4E+00 4.1E-02 221	1.7E-05 1.2E+00 2.0E-02 982	2.7E+00 7.4E-02 2.4E-03 0	2.3E-03 3.0E-02 18 301
08:57----09:27	1.3E+02 1.3E+00 3.5E-02 218	1.0E-05 1.2E+00 2.2E-02 982	2.5E+00 6.4E-02 3.2E-03 0	1.6E-03 2.0E-02 18 187
09:12----09:42	1.2E+02 1.2E+00 2.9E-02 218	1.9E-06 1.1E+00 2.4E-02 982	2.3E+00 4.3E-02 3.8E-03 0	1.2E-03 1.3E-02 18 267
09:27----09:57	1.4E+02 1.1E+00 3.5E-02 214	3.5E-05 1.1E+00 2.0E-02 982	2.3E+00 6.1E-02 4.7E-03 0	2.0E-03 2.6E-02 18 269
09:42----10:12	1.4E+02 1.3E+00 3.6E-02 206	3.5E-05 1.2E+00 1.4E-02 982	2.5E+00 6.4E-02 6.9E-03 0	1.9E-03 2.8E-02 19 189

STATISTICS

NUMBER OF READINGS 434

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
CO	9.75E+01	2.05E+02	1.22E+02	2.20E+01	1.20E+02	1.16E+00
H2S	1.00E-06	1.99E-01	1.21E-02	3.02E-02	1.49E-04	7.10E+01
THC	1.00E-06	4.02E+00	2.85E+00	6.39E-01	2.58E+00	2.87E+00
SO2	1.00E-06	2.90E-02	1.71E-03	2.73E-03	2.48E-04	2.23E+01
THC-CH4	1.00E-06	2.08E+00	1.45E+00	3.32E-01	1.29E+00	3.33E+00
CH4	1.00E-06	1.79E+00	1.32E+00	2.73E-01	1.21E+00	2.70E+00
NOX	4.76E-03	1.68E-01	3.00E-02	2.38E-02	2.28E-02	2.13E+00
NO2	1.00E-06	1.44E-01	1.51E-02	1.71E-02	6.79E-03	9.66E+00
NO	1.35E-04	1.47E-01	1.65E-02	1.61E-02	9.99E-03	3.08E+00
OZONE	7.18E-03	3.35E-02	2.13E-02	5.40E-03	2.05E-02	1.34E+00
SOLAR RAD	1.00E-06	9.06E-03	1.31E-03	2.05E-03	1.47E-04	1.23E+01
TEMP	16	19	17	1		
HUMIDITY	197	276	239	16	238	1
BAROMETER	981	989	985	2	985	1
WIND SPEED	0	17	3	4	0	1019

MAXIMUM
AVERAGE

CO	1.48E+02
H2S	1.26E-01
THC	3.83E+00
SO2	8.88E-03
THC-CH4	1.98E+00
CH4	1.72E+00
NOX	7.39E-02
NO2	3.63E-02
NO	4.36E-02
OZONE	2.78E-02
SOLAR RAD	6.87E-03
TEMP	19
HUMIDITY	271
BAROMETER	989
WIND SPEED	13
WIND DIRECTION	359

MARATHON #1

11:01 AUG 29 1978

SCAN= 60 SEC

AVE= 30 MIN

TOURIST BOOTH AT JUNCTION OF MARATHON RD & HWY 17

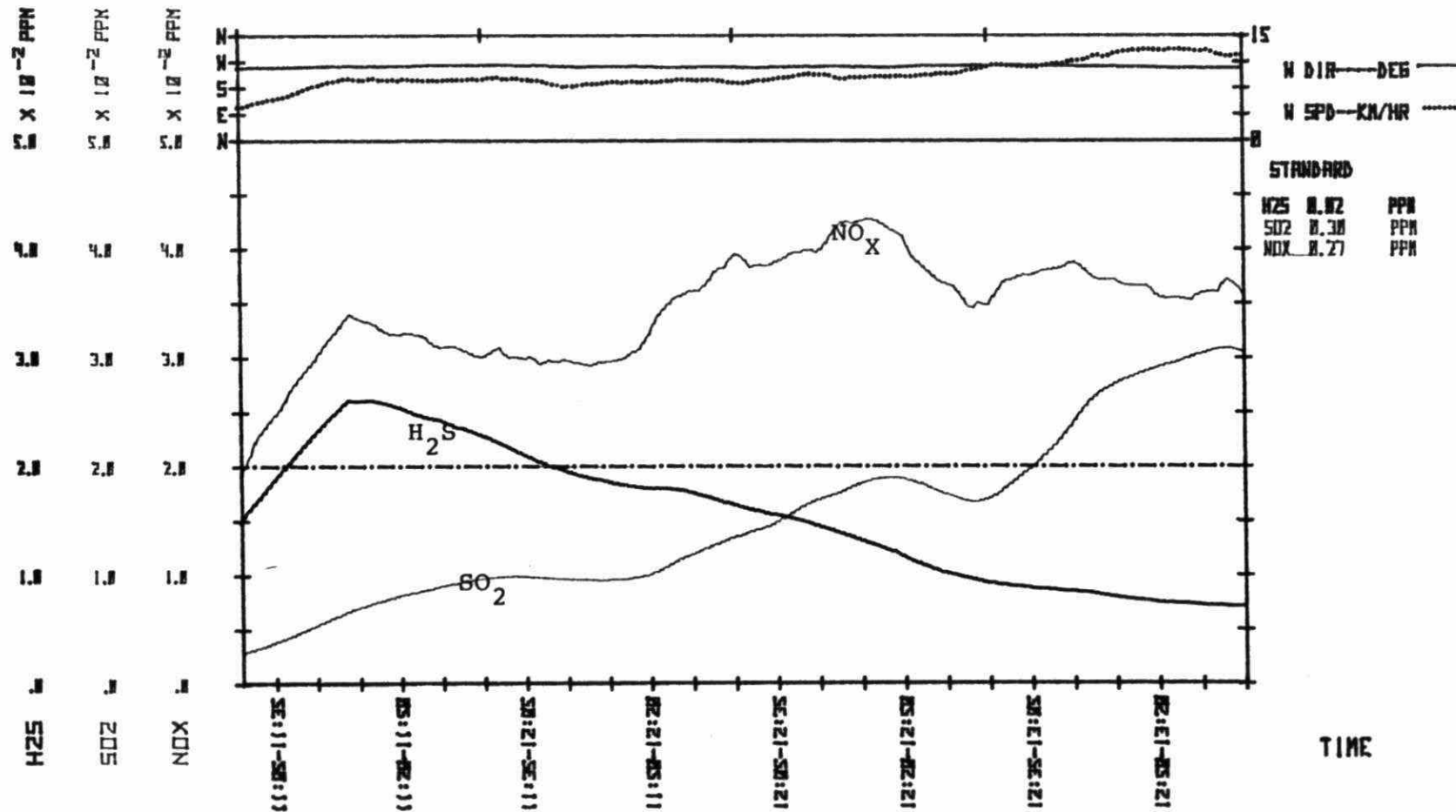
0.015
10
57
551

0.047
19
100
972

0.051
20
96
972

0.061
21
93
972

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



MARATHON #2

13:25 AUG 29 1978

SCAM 68

SEC

AVE 38

NIN

NIN OF TRAMS & COMM - ROADS, ON HWY #17, NEXT TO OPP

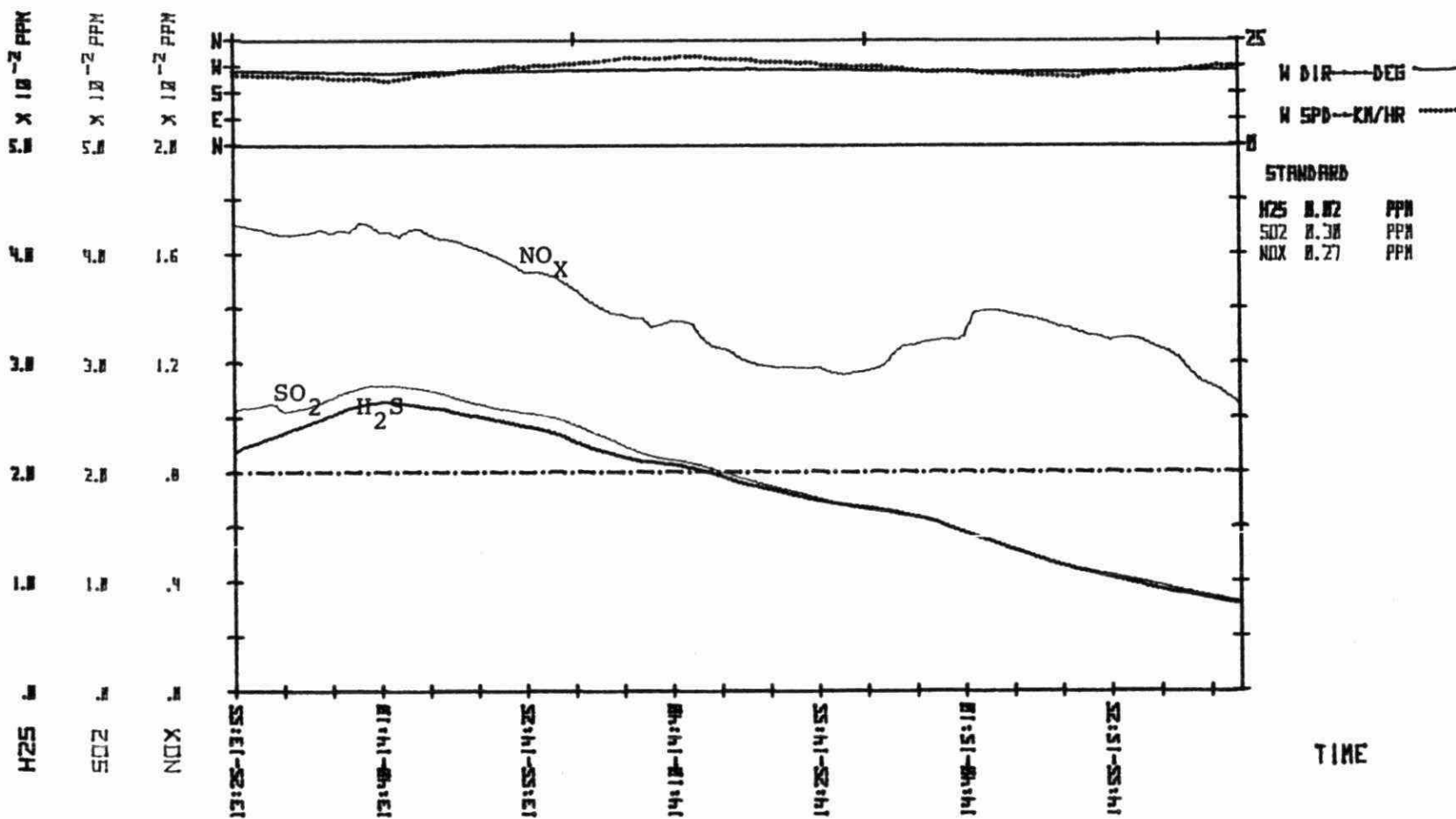
0.078
19
95
973

0.064
18
100
974

0.043
18
100
974

0.058
17
100
973

SRA0 W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



MARATHON #4

17:02 AUG 29 1978

SCAN= 120 SEC

AVE= 30 MIN

WATER TOWER IN DOWNTOWN MARATHON

0.039
18
100
983

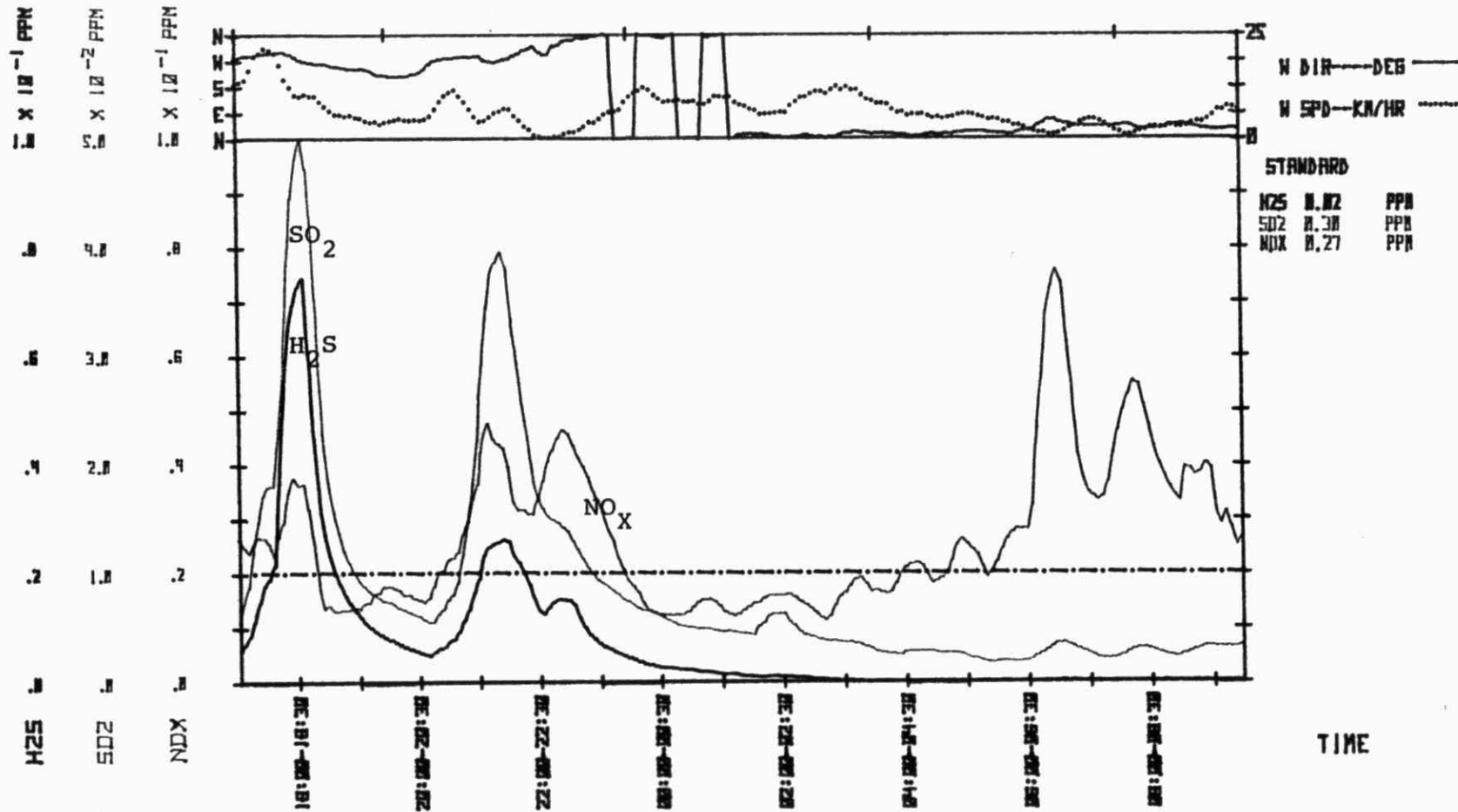
0.005
14
100
984

0.000
14
100
987

0.000
9
100
991

0.003
7
100
994

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



MARATHON #5

16:31 AUG 31 1978

SCAN= 150 SEC

AVE= 30 MIN

2 MILES WEST OFF OPP STATION ON HWY#17

0.000
0
0
0

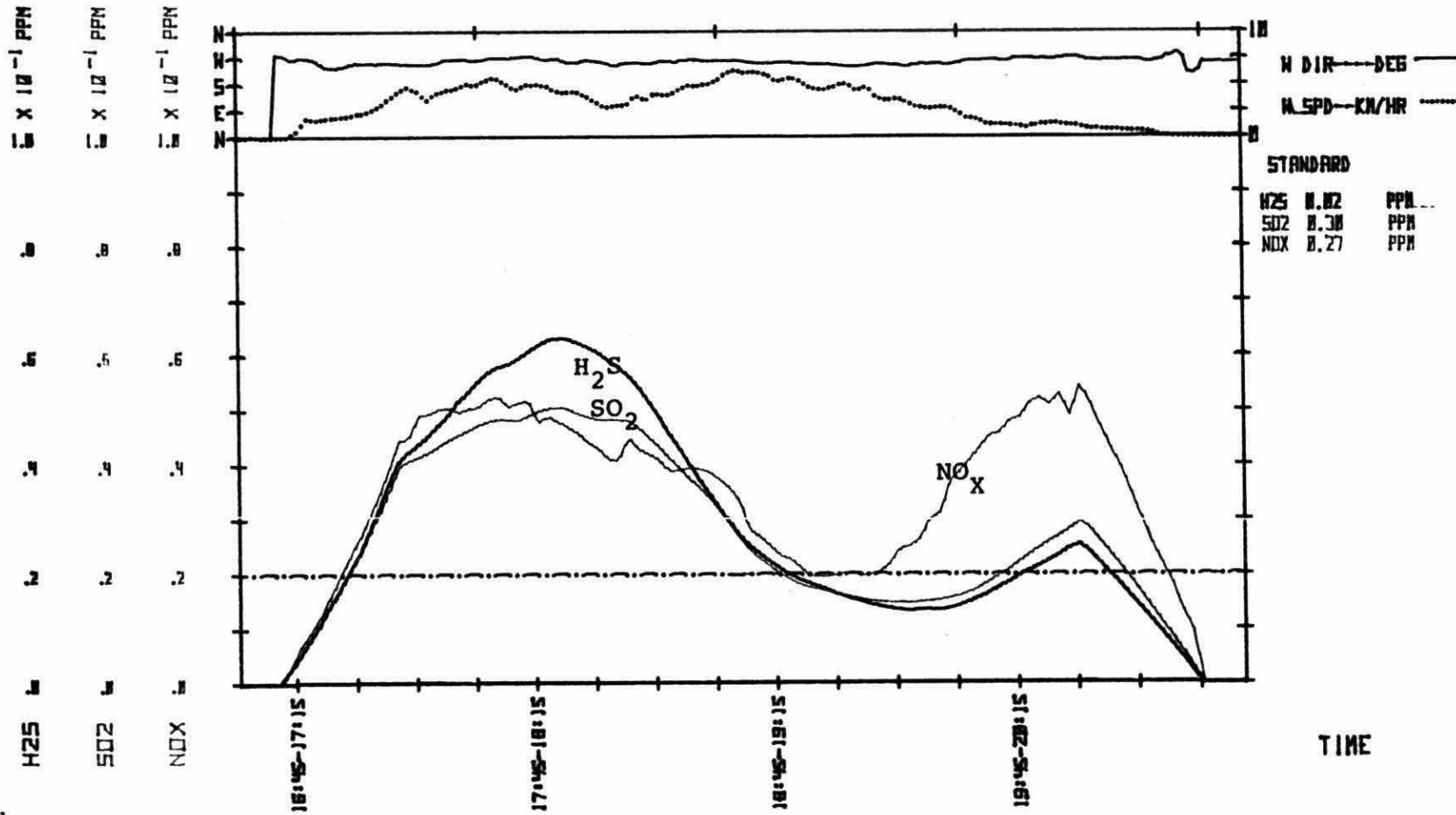
0.007
16
78
987

0.004
15
92
987

0.002
13
108
986

0.000
0
0
0

SRAD W/CM2
TEMP DEG C
HUM % REL
PRES MBAR



MARATHON #6

21:22 AUG 31 1978

SCAN= 150 SEC

AVE= 30 MIN

D.P.P. STATION ON HWY #17, MARATHON

0.000
11
100
983

0.000
11
100
983

0.000
11
100
983

0.000
11
100
983

0.000
11
100
983

0.000
11
100
983

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR

5.0 X 10⁻² PPM

5.0 X 10⁻² PPM

1.0 X 10⁻¹ PPM

4.0

4.0

.8

3.0

3.0

.6

2.0

2.0

.4

1.0

1.0

.2

.5

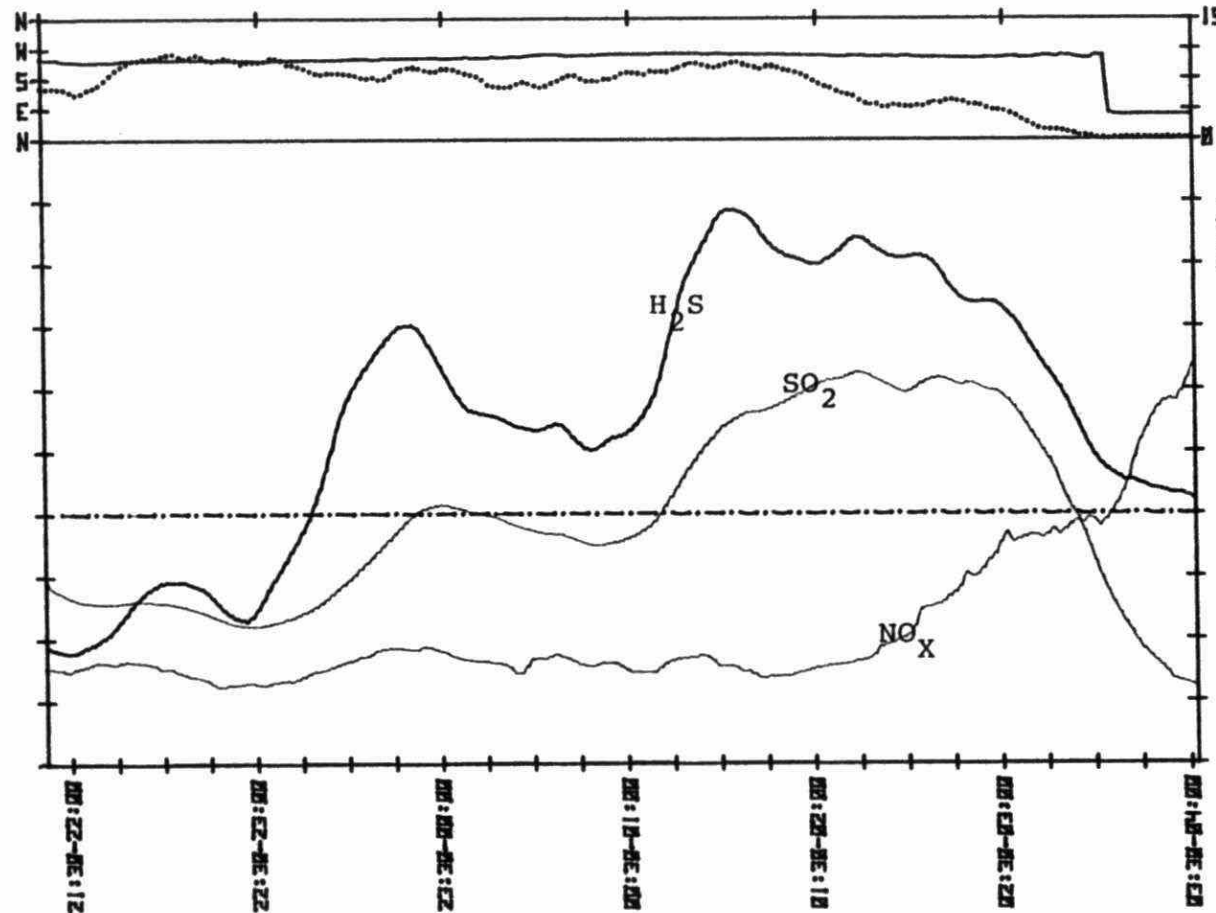
.5

.1

H2S

SO2

NOX



N DIR—DEG
N SPD—KM/HR

STANDARD

H2S 0.02 PPM
SO2 0.30 PPM
NOX 0.27 PPM

MARATHON #7

14:12 SEP 1 1978

SCAN= 60

SEC

AVE= 30

MIN

0.5 MILE WEST OF ANGLERS CREEK ON HWY #17

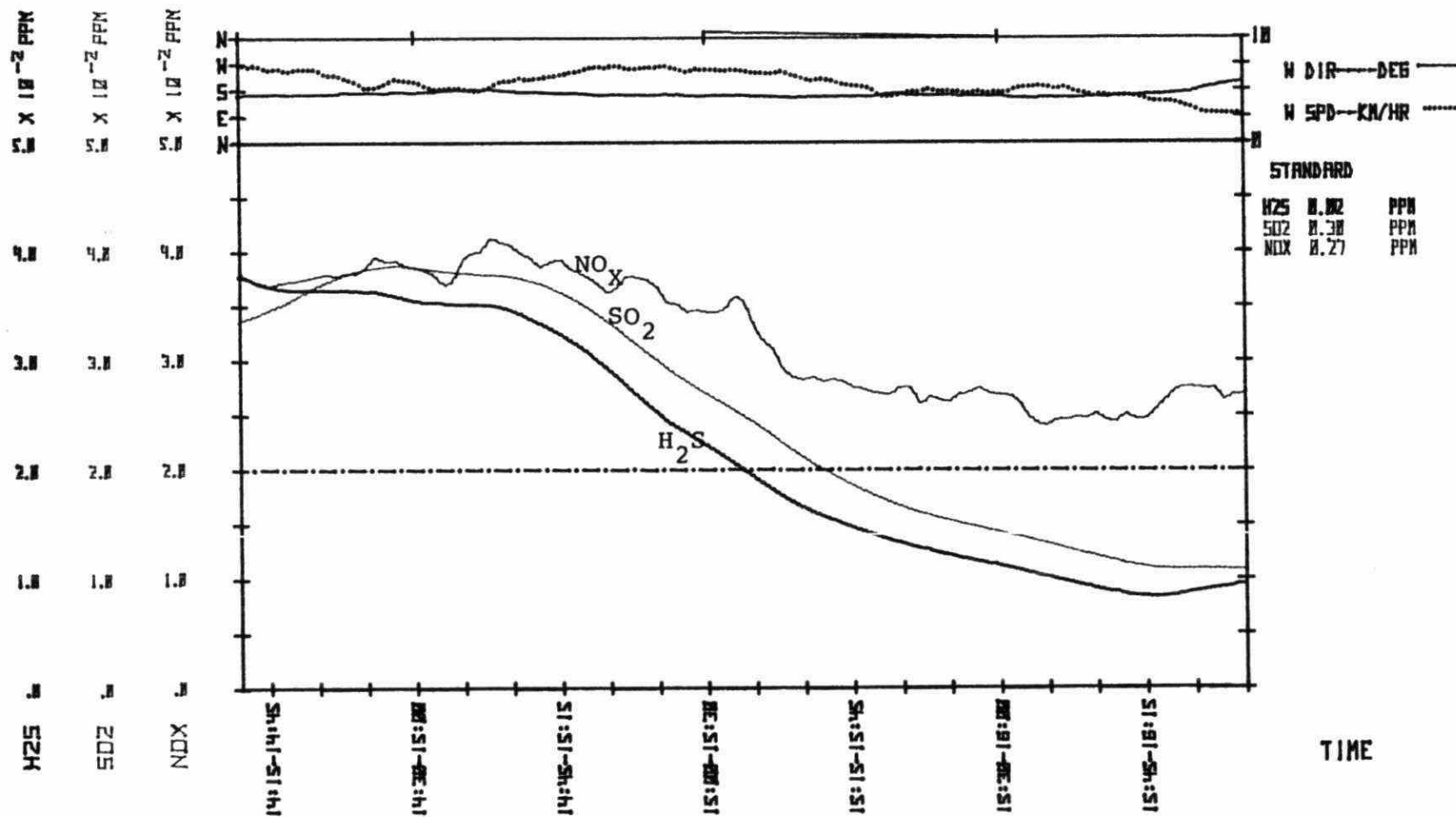
0.029
19
1000
987

0.020
18
1000
987

0.014
18
1000
986

0.009
17
1000
986

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



MARATHON #1

DATE: AUG 29 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: TOURIST BOOTH ON HWY #17 (X4875-Y9940); 5.9KM & 045DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
11:01----11:31	1.5E-02 1.1E-01 1.1E-02 551	3.0E-01 1.9E-02 1.5E-02 5	2.9E-03 8.1E-03 10 249	1.7E-01 1.1E-02 75
11:06----11:36	1.9E-02 1.5E-01 1.4E-02 713	3.9E-01 2.5E-02 2.2E-02 6	4.2E-03 1.1E-02 13 250	2.2E-01 1.4E-02 96
11:11----11:41	2.4E-02 1.9E-01 1.7E-02 875	4.7E-01 3.1E-02 3.1E-02 8	5.8E-03 1.3E-02 16 253	2.7E-01 1.8E-02 116
11:16----11:46	2.6E-02 2.1E-01 1.9E-02 972	5.3E-01 3.3E-02 3.9E-02 9	7.3E-03 1.4E-02 18 255	3.0E-01 1.9E-02 125
11:21----11:51	2.5E-02 2.0E-01 1.9E-02 972	5.4E-01 3.2E-02 4.3E-02 9	8.4E-03 1.4E-02 18 256	3.2E-01 1.9E-02 119
11:26----11:56	2.4E-02 2.0E-01 2.0E-02 972	5.6E-01 3.1E-02 4.6E-02 9	9.2E-03 1.3E-02 19 259	3.3E-01 1.7E-02 114
11:31----12:01	2.3E-02 2.0E-01 2.0E-02 972	5.7E-01 3.0E-02 4.8E-02 9	9.8E-03 1.3E-02 19 259	3.4E-01 1.7E-02 110
11:36----12:06	2.1E-02 2.0E-01 2.0E-02 972	5.7E-01 3.0E-02 4.5E-02 9	9.8E-03 1.4E-02 19 257	3.4E-01 1.6E-02 108
11:41----12:11	1.9E-02 1.9E-01 2.0E-02 972	5.7E-01 3.0E-02 4.4E-02 8	9.6E-03 1.4E-02 19 253	3.4E-01 1.6E-02 106
11:46----12:16	1.8E-02 1.9E-01 2.0E-02 972	5.5E-01 3.0E-02 4.3E-02 8	9.7E-03 1.3E-02 20 253	3.3E-01 1.7E-02 104

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
11:51----12:21	1.8E-02 1.9E-01 1.9E-02 972	5.3E-01 3.4E-02 4.5E-02 8	1.3E-02 1.5E-02 20 251	3.1E-01 1.9E-02 104
11:56----12:26	1.7E-02 1.9E-01 1.8E-02 972	4.8E-01 3.6E-02 4.8E-02 9	1.2E-02 1.6E-02 20 252	2.8E-01 2.1E-02 102
12:01----12:31	1.6E-02 1.9E-01 1.8E-02 972	4.6E-01 3.9E-02 5.2E-02 8	1.4E-02 1.7E-02 20 250	2.7E-01 2.4E-02 100
12:06----12:36	1.5E-02 1.9E-01 1.7E-02 972	4.5E-01 3.9E-02 5.5E-02 9	1.5E-02 1.5E-02 20 251	2.5E-01 2.5E-02 96
12:11----12:41	1.4E-02 2.1E-01 1.7E-02 972	1.4E+00 4.1E-02 5.9E-02 9	1.7E-02 1.7E-02 20 254	4.6E-01 2.4E-02 95
12:16----12:46	1.3E-02 2.2E-01 1.7E-02 972	1.4E+00 4.3E-02 6.1E-02 9	1.9E-02 1.9E-02 21 252	4.6E-01 2.5E-02 92
12:21----12:51	1.1E-02 2.2E-01 1.7E-02 972	1.4E+00 3.9E-02 6.1E-02 9	1.9E-02 1.6E-02 21 254	4.4E-01 2.3E-02 92
12:26----12:56	1.0E-02 2.2E-01 1.7E-02 972	1.4E+00 3.7E-02 6.1E-02 9	1.7E-02 1.5E-02 21 256	4.4E-01 2.2E-02 92
12:31----13:01	9.1E-03 2.2E-01 1.7E-02 972	1.4E+00 3.6E-02 6.1E-02 11	1.7E-02 1.5E-02 21 257	4.3E-01 2.1E-02 93
12:36----13:06	8.7E-03 2.2E-01 1.7E-02 972	1.4E+00 3.8E-02 6.3E-02 10	2.1E-02 1.6E-02 21 257	4.2E-01 2.2E-02 93
12:41----13:11	8.4E-03 2.0E-01 1.6E-02 972	3.5E-01 3.9E-02 6.3E-02 11	2.5E-02 1.6E-02 21 254	1.8E-01 2.3E-02 92

MARATHON #1, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
12:46----13:16	7.8E-03 2.0E-01 1.7E-02 972	3.3E-01 3.7E-02 6.4E-02 13	2.8E-02 1.5E-02 20 251	1.7E-01 2.2E-02 91
12:51----13:21	7.4E-03 2.0E-01 1.7E-02 972	3.2E-01 3.5E-02 6.4E-02 13	2.9E-02 1.5E-02 20 248	1.7E-01 2.1E-02 91
12:56----13:26	7.1E-03 2.0E-01 1.7E-02 972	3.2E-01 3.6E-02 6.5E-02 13	3.1E-02 1.6E-02 21 248	1.6E-01 2.1E-02 90

STATISTICS

NUMBER OF READINGS 149

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	3.08E-02	1.40E-02	8.32E-03	5.87E-03	1.55E+01
THC	1.00E-06	2.57E+01	6.08E-01	2.11E+00	1.45E-01	4.11E+01
SO2	1.00E-06	5.14E-02	1.48E-02	1.09E-02	5.91E-03	1.57E+01
THC-CH4	1.00E-06	6.74E+00	2.74E-01	5.45E-01	8.28E-02	3.44E+01
CH4	1.00E-06	7.65E-01	1.84E-01	7.48E-02	6.85E-02	3.17E+01
NOX	1.00E-06	8.63E-02	3.19E-02	1.52E-02	1.34E-02	1.94E+01
NO2	1.00E-06	5.32E-02	1.38E-02	1.02E-02	3.45E-03	2.94E+01
NO	1.00E-06	7.89E-02	1.84E-02	1.07E-02	7.87E-03	1.66E+01
OZONE	1.00E-06	2.35E-02	1.67E-02	5.65E-03	7.69E-03	1.61E+01
SOLAR RAD	1.00E-06	6.89E-02	4.82E-02	2.07E-02	1.95E-02	2.18E+01
TEMP	0	22	18	6		
HUMIDITY	0	138	93	32	20	185
BAROMETER	0	972	887	275	160	351
WIND SPEED	0	21	9	5	2	113

MAXIMUM
AVERAGE

H2S	2.60E-02
THC	1.43E+00
SO2	3.07E-02
THC-CH4	4.64E-01
CH4	2.18E-01
NOX	4.28E-02
NO2	1.88E-02
NO	2.48E-02
OZONE	2.02E-02
SOLAR RAD	6.51E-02
TEMP	21
HUMIDITY	125
BAROMETER	972
WIND SPEED	13
WIND DIRECTION	259

MARATHON #2

DATE: AUG 29 1978

SCAN TIME: 60 SEC

AVERAGING TIME: 30 MIN

LOCATION:

MIN OF TRANS & COMM. ON HWY #17 (X4740-Y0085); 5.6KM & 030 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
13:25----13:55	2.2E-02 2.4E-01 2.1E-02 973	3.7E-01 1.7E-02 7.0E-02 17	2.6E-02 1.1E-02 19 252	1.9E-01 6.6E-03 95
13:30----14:00	2.4E-02 2.4E-01 2.1E-02 973	3.6E-01 1.7E-02 7.0E-02 16	2.6E-02 1.0E-02 19 250	1.8E-01 6.4E-03 96
13:35----14:05	2.5E-02 2.4E-01 2.1E-02 973	3.7E-01 1.7E-02 6.8E-02 16	2.7E-02 1.0E-02 19 247	1.8E-01 6.4E-03 97
13:40----14:10	2.6E-02 2.4E-01 2.1E-02 973	3.7E-01 1.7E-02 6.7E-02 15	2.8E-02 1.0E-02 19 244	1.8E-01 6.4E-03 99
13:45----14:15	2.6E-02 2.3E-01 2.1E-02 973	3.5E-01 1.7E-02 6.6E-02 17	2.8E-02 9.9E-03 19 248	1.7E-01 6.4E-03 100
13:50----14:20	2.5E-02 2.3E-01 2.0E-02 973	3.4E-01 1.6E-02 6.5E-02 17	2.6E-02 9.2E-03 19 249	1.6E-01 6.5E-03 102
13:55----14:25	2.4E-02 2.2E-01 2.0E-02 974	3.3E-01 1.5E-02 6.4E-02 18	2.6E-02 8.5E-03 19 252	1.6E-01 6.1E-03 104
14:00----14:30	2.3E-02 2.1E-01 2.1E-02 974	3.2E-01 1.5E-02 6.4E-02 19	2.4E-02 8.2E-03 18 255	1.6E-01 5.9E-03 106
14:05----14:35	2.1E-02 2.1E-01 2.1E-02 974	3.1E-01 1.4E-02 6.6E-02 20	2.3E-02 7.9E-03 18 256	1.5E-01 5.3E-03 107
14:10----14:40	2.1E-02 2.1E-01 2.2E-02 974	3.0E-01 1.4E-02 6.5E-02 21	2.1E-02 7.9E-03 18 257	1.5E-01 5.2E-03 109

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
14:15----14:45	2.0E-02 2.0E-01 2.3E-02 974	2.9E-01 1.3E-02 6.5E-02 20	2.0E-02 7.4E-03 18 258	1.4E-01 4.8E-03 110
14:20----14:50	1.8E-02 2.0E-01 2.4E-02 974	2.8E-01 1.2E-02 5.8E-02 20	1.9E-02 7.2E-03 18 257	1.4E-01 4.3E-03 111
14:25----14:55	1.7E-02 2.0E-01 2.6E-02 974	2.7E-01 1.2E-02 5.0E-02 19	1.8E-02 7.0E-03 18 256	1.3E-01 4.3E-03 113
14:30----15:00	1.7E-02 2.0E-01 2.7E-02 974	2.7E-01 1.2E-02 4.3E-02 19	1.7E-02 7.0E-03 18 254	1.3E-01 4.2E-03 114
14:35----15:05	1.6E-02 2.0E-01 2.8E-02 974	2.7E-01 1.3E-02 3.6E-02 18	1.5E-02 7.2E-03 18 251	1.3E-01 4.9E-03 115
14:40----15:10	1.4E-02 2.0E-01 2.8E-02 974	2.6E-01 1.3E-02 3.2E-02 17	1.5E-02 7.3E-03 17 250	1.3E-01 4.9E-03 116
14:45----15:15	1.3E-02 1.9E-01 2.9E-02 974	2.5E-01 1.4E-02 3.2E-02 17	1.3E-02 7.0E-03 17 249	1.2E-01 5.9E-03 117
14:50----15:20	1.1E-02 1.9E-01 3.0E-02 974	2.4E-01 1.3E-02 3.6E-02 16	1.2E-02 7.0E-03 17 250	1.2E-01 5.6E-03 118
14:55----15:25	1.0E-02 1.9E-01 3.0E-02 974	2.4E-01 1.3E-02 4.2E-02 17	1.1E-02 7.0E-03 17 250	1.2E-01 5.2E-03 118
15:00----15:30	9.3E-03 1.8E-01 3.1E-02 973	2.3E-01 1.3E-02 5.0E-02 17	9.7E-03 7.0E-03 17 252	1.1E-01 5.0E-03 117
15:05----15:35	8.4E-03 1.8E-01 3.1E-02 973	2.3E-01 1.1E-02 5.6E-02 18	8.7E-03 6.6E-03 17 255	1.1E-01 4.1E-03 116

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
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STATISTICS

NUMBER OF READINGS 133

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DE.
H2S	6.29E-03	3.17E-02	1.73E-02	7.06E-03	1.57E-02	1.58E+00
THC	1.99E-01	4.98E-01	2.95E-01	6.80E-02	2.87E-01	1.25E+00
SO2	6.45E-03	5.30E-02	1.87E-02	8.07E-03	1.68E-02	1.61E+00
THC-CH4	8.94E-02	2.98E-01	1.44E-01	4.15E-02	1.39E-01	1.30E+00
CH4	1.53E-01	2.77E-01	2.08E-01	2.88E-02	2.06E-01	1.15E+00
NOX	6.49E-03	4.17E-02	1.38E-02	4.68E-03	1.31E-02	1.37E+00
NO2	1.93E-03	2.15E-02	8.04E-03	3.11E-03	7.46E-03	1.50E+00
NO	3.63E-04	3.61E-02	5.26E-03	3.48E-03	4.50E-03	1.80E+00
OZONE	1.83E-02	3.27E-02	2.51E-02	4.68E-03	2.46E-02	1.21E+00
SOLAR RAD	1.28E-02	8.93E-02	5.73E-02	1.86E-02	5.28E-02	1.58E+00
TEMP	17	20	18	1		
HUMIDITY	89	123	108	9	108	
BAROMETER	973	974	974	0	974	
WIND SPEED	8	32	18	5	18	

MAXIMUM
AVERAGE

H2S	2.64E-02
THC	3.72E-01
SO2	2.80E-02
THC-CH4	1.87E-01
CH4	2.45E-01
NOX	1.71E-02
NO2	1.06E-02
NO	6.63E-03
OZONE	3.12E-02
SOLAR RAD	7.03E-02
TEMP	19
HUMIDITY	118
BAROMETER	974
WIND SPEED	21
WIND DIRECTION	258

MARATHON #4

DATE: AUG 29 1978

SCAN TIME: 120 SEC

AVERAGING TIME: 30 MIN

LOCATION:

WATER TOWER IN DOWNTOWN MARATHON (X4545-Y9615); 1.0KM @ 090 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
17:02----17:32	5.8E-03 2.2E-01 2.6E-02 983	4.2E-01 2.6E-02 3.9E-02 13	5.5E-03 1.0E-02 18 277	2.2E-01 1.6E-02 117
17:32----18:02	1.9E-02 2.8E-01 2.3E-02 984	6.5E-01 2.5E-02 5.6E-03 22	1.8E-02 1.4E-02 16 295	3.6E-01 1.1E-02 153
18:02----18:32	7.3E-02 3.1E-01 1.8E-02 984	8.0E-01 3.6E-02 8.3E-04 10	4.8E-02 1.9E-02 14 283	4.7E-01 1.6E-02 206
18:32----19:02	2.2E-02 2.4E-01 2.6E-02 984	4.4E-01 1.4E-02 4.2E-03 8	1.8E-02 9.9E-03 14 259	2.3E-01 3.9E-03 239
19:02----19:32	1.2E-02 2.4E-01 2.6E-02 984	4.5E-01 1.3E-02 2.5E-03 5	9.2E-03 9.2E-03 14 240	2.4E-01 4.4E-03 238
19:32----20:02	7.6E-03 2.5E-01 2.7E-02 984	5.5E-01 1.8E-02 5.5E-03 4	7.3E-03 1.3E-02 14 220	2.9E-01 4.2E-03 232
20:02----20:32	5.2E-03 2.7E-01 3.1E-02 984	4.6E-01 1.4E-02 1.8E-03 4	6.0E-03 1.0E-02 14 224	2.3E-01 4.0E-03 228
20:32----21:02	7.5E-03 2.9E-01 3.3E-02 984	5.9E-01 2.2E-02 1.4E-04 11	7.7E-03 1.5E-02 14 278	2.7E-01 6.1E-03 235
21:02----21:32	2.1E-02 3.3E-01 2.3E-02 985	6.3E-01 3.9E-02 3.1E-05 5	2.5E-02 2.8E-02 14 286	4.4E-01 1.8E-02 229
21:32----22:02	2.4E-02 3.2E-01 2.6E-02 985	5.9E-01 3.7E-02 2.7E-05 7	3.6E-02 2.0E-02 14 274	3.1E-01 1.5E-02 222

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
22:02----22:32	1.2E-02 4.8E-01 2.6E-02 985	3.9E+00 3.6E-02 1.9E-05 1	1.6E-02 1.7E-02 14 317	2.5E+00 1.8E-02 219
22:32----23:02	1.5E-02 4.6E-01 2.1E-02 986	5.1E+00 4.4E-02 1.7E-05 2	1.3E-02 1.6E-02 14 338	1.9E+00 2.7E-02 204
23:02----23:32	6.7E-03 3.7E-01 1.9E-02 986	6.8E-01 3.2E-02 1.4E-05 4	9.2E-03 9.2E-03 14 359	3.4E-01 2.3E-02 181
23:32----00:02	4.2E-03 3.7E-01 1.8E-02 987	6.1E-01 1.8E-02 1.2E-05 10	7.2E-03 8.2E-03 14 2	2.9E-01 8.8E-03 154
00:02----00:32	2.5E-03 3.9E-01 1.7E-02 987	6.4E-01 1.2E-02 8.1E-06 9	6.0E-03 7.3E-03 13 351	2.9E-01 4.2E-03 135
00:32----01:02	2.1E-03 4.3E-01 1.5E-02 988	7.9E-01 1.3E-02 6.1E-06 9	5.1E-03 9.0E-03 12 2	3.9E-01 4.6E-03 138
01:02----01:32	1.4E-03 4.1E-01 1.5E-02 988	7.6E-01 1.3E-02 1.4E-05 10	4.7E-03 6.8E-03 12 357	3.8E-01 5.2E-03 135
01:32----02:02	8.7E-04 4.8E-01 1.5E-02 989	9.5E-01 1.4E-02 1.5E-05 7	4.4E-03 6.7E-03 11 16	4.9E-01 6.9E-03 130
02:02----02:32	8.5E-04 5.0E-01 1.4E-02 989	9.5E-01 1.6E-02 3.0E-05 6	6.3E-03 7.9E-03 11 4	4.8E-01 7.1E-03 139
02:32----03:02	4.6E-04 4.7E-01 1.6E-02 989	8.7E-01 1.3E-02 1.1E-05 11	4.1E-03 6.3E-03 10 8	4.4E-01 5.6E-03 140
03:02----03:32	1.3E-04 4.1E-01 1.8E-02 990	7.6E-01 1.6E-02 2.1E-05 12	3.7E-03 1.0E-02 10 15	5.3E-01 7.0E-03 138

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
03:32----04:02	3.5E-06 4.0E-01 2.0E-02 991	7.5E-01 1.7E-02 4.7E-06 9	2.8E-03 6.2E-03 9 15	3.9E-01 9.9E-03 131
04:02----04:32	1.5E-06 4.1E-01 1.9E-02 991	7.9E-01 2.1E-02 1.8E-05 7	2.8E-03 8.1E-03 8 12	4.1E-01 1.2E-02 134
04:32----05:02	1.5E-06 4.6E-01 2.0E-02 991	1.2E+00 1.9E-02 1.5E-05 5	2.7E-03 8.5E-03 8 16	4.6E-01 1.0E-02 127
05:02----05:32	1.5E-06 4.1E-01 1.7E-02 992	7.5E-01 2.5E-02 2.8E-05 6	2.3E-03 9.5E-03 8 21	3.6E-01 1.4E-02 128
05:32----06:02	2.6E-06 4.2E-01 1.9E-02 992	8.4E-01 2.3E-02 2.2E-05 5	1.9E-03 6.7E-03 8 19	4.2E-01 1.6E-02 129
06:02----06:32	8.1E-06 4.1E-01 1.7E-02 992	8.2E-01 2.9E-02 7.5E-06 3	2.0E-03 7.9E-03 8 28	4.2E-01 1.9E-02 137
06:32----07:02	7.0E-05 4.5E-01 1.5E-02 993	1.8E+00 7.5E-02 8.9E-05 1	3.7E-03 2.7E-02 7 63	1.2E+00 7.1E-02 167
07:02----07:32	3.0E-05 4.0E-01 1.7E-02 993	7.7E-01 3.4E-02 1.2E-03 5	2.5E-03 7.8E-03 7 42	4.0E-01 2.5E-02 186
07:32----08:02	1.5E-06 4.2E-01 1.7E-02 994	1.0E+00 4.8E-02 2.8E-03 2	2.4E-03 1.2E-02 7 46	4.7E-01 3.4E-02 162
08:02----08:32	1.3E-05 4.1E-01 1.7E-02 994	8.7E-01 4.5E-02 4.2E-03 2	3.0E-03 1.1E-02 8 33	4.5E-01 3.3E-02 136
08:32----09:02	1.5E-06 3.9E-01 1.9E-02 994	8.2E-01 3.9E-02 1.1E-02 3	2.5E-03 1.5E-02 8 50	4.3E-01 2.2E-02 120

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
09:02----09:32	1.2E-05 4.3E-01 2.0E-02 995	7.7E-01 3.2E-02 3.3E-02 5	3.2E-03 9.5E-03 10 30	3.8E-01 2.3E-02 87

STATISTICS

NUMBER OF READINGS 508

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.32E-01	7.19E-03	1.52E-02	2.00E-04	7.03E-01
THC	3.42E-01	4.89E+01	9.88E-01	3.02E+00	7.28E-01	1.59E+00
S02	8.20E-04	8.21E-02	8.76E-03	1.12E-02	5.62E-03	2.35E+00
THC-CH4	1.76E-01	2.76E+01	5.08E-01	1.44E+00	3.74E-01	1.64E+00
CH4	2.08E-01	2.45E+00	3.81E-01	1.47E-01	3.65E-01	1.31E+00
NOX	9.32E-03	1.84E-01	2.65E-02	1.79E-02	2.27E-02	1.71E+00
NO2	1.00E-06	1.06E-01	1.17E-02	1.01E-02	8.82E-03	2.94E+00
NO	1.83E-03	3.33E-01	1.53E-02	1.94E-02	1.08E-02	2.23E+00
OZONE	5.87E-03	3.74E-02	2.03E-02	5.54E-03	1.95E-02	1.32E+00
SOLAR RAD	1.00E-06	4.75E-02	4.33E-03	1.05E-02	1.23E-04	2.36E+01
TEMP	7	19	12	3		
HUMIDITY	69	249	163	46	156	
BAROMETER	983	995	988	4	988	1
WIND SPEED	0	39	7	6	3	15

MAXIMUM
AVERAGE

H2S	7.28E-02
THC	5.14E+00
S02	4.84E-02
THC-CH4	2.48E+00
CH4	4.96E-01
NOX	7.47E-02
NO2	2.83E-02
NO	7.08E-02
OZONE	3.28E-02
SOLAR RAD	3.91E-02
TEMP	18
HUMIDITY	239
BAROMETER	995
WIND SPEED	22
WIND DIRECTION	359

MARATHON #5

DATE: AUG 31 1978

SCAN TIME: 150 SEC

AVERAGING TIME: 30 MIN

LOCATION:

3.2KM W OF OPP STATION ON HWY#17 (X4410-Y0230); 6.2KM @ 355 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
16:31----17:01	1.0E-06 1.0E-06 0	1.0E-06 1.0E-06 0	1.0E-06 1.0E-06 0	1.0E-06 0 0
16:41----17:11	1.0E-06 1.0E-06 0	1.0E-06 1.0E-06 0	1.0E-06 1.0E-06 0	1.0E-06 0 0
16:51----17:21	1.0E-02 6.1E-03 23	1.1E-02 8.2E-03 329	1.2E-02 1.1E-02 2	6.2E-03 6 264
17:01----17:31	2.3E-02 1.4E-02 47	2.4E-02 1.6E-02 658	2.7E-02 1.6E-02 2	1.3E-02 11 254
17:11----17:41	4.1E-02 2.0E-02 72	4.0E-02 2.4E-02 987	4.5E-02 1.9E-02 4	2.5E-02 16 253
17:21----17:51	4.7E-02 2.7E-02 75	4.4E-02 2.3E-02 987	5.0E-02 9.7E-03 4	2.9E-02 16 252
17:31----18:01	5.5E-02 3.2E-02 78	4.8E-02 2.2E-02 987	5.1E-02 7.0E-03 5	2.9E-02 16 263
17:41----18:11	5.9E-02 3.3E-02 80	4.8E-02 2.1E-02 987	5.1E-02 6.5E-03 5	2.8E-02 16 275
17:51----18:21	6.3E-02 3.2E-02 83	5.1E-02 2.0E-02 987	4.8E-02 6.2E-03 4	2.2E-02 16 271
18:01----18:31	6.1E-02 3.1E-02 85	4.8E-02 2.1E-02 987	4.3E-02 5.8E-03 3	2.1E-02 15 261
18:11----18:41	5.5E-02 3.1E-02 87	4.7E-02 2.1E-02 987	4.3E-02 5.0E-03 4	2.2E-02 15 256
18:21----18:51	4.3E-02 2.4E-02 89	3.9E-02 2.3E-02 987	3.9E-02 4.3E-03 4	2.5E-02 15 257

MARATHON #5, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
18:31----19:01	3.2E-02 1.5E-02 92	3.2E-02 2.5E-02 987	3.8E-02 3.7E-03 5	2.3E-02 15 262
18:41----19:11	2.4E-02 1.0E-02 95	2.3E-02 2.6E-02 987	2.7E-02 3.3E-03 6	1.7E-02 15 253
18:51----19:21	1.9E-02 8.4E-03 100	1.8E-02 2.7E-02 987	2.1E-02 3.0E-03 6	1.4E-02 14 253
19:01----19:31	1.6E-02 1.2E-02 106	1.6E-02 2.6E-02 987	2.0E-02 2.8E-03 5	1.2E-02 14 246
19:11----19:41	1.4E-02 1.9E-02 113	1.5E-02 2.6E-02 986	2.1E-02 2.6E-03 4	1.1E-02 14 250
19:21----19:51	1.4E-02 2.1E-02 120	1.5E-02 2.4E-02 986	2.7E-02 2.5E-03 3	1.5E-02 13 248
19:31----20:01	1.4E-02 3.0E-02 127	1.6E-02 2.3E-02 986	3.9E-02 2.3E-03 2	2.4E-02 13 252
19:41----20:11	1.8E-02 3.1E-02 133	2.0E-02 2.0E-02 986	4.6E-02 2.0E-03 1	2.5E-02 13 263
19:51----20:21	2.2E-02 3.7E-02 139	2.5E-02 1.7E-02 986	5.2E-02 1.5E-03 1	2.4E-02 12 268
20:01----20:31	2.6E-02 2.9E-02 145	3.0E-02 1.5E-02 986	5.5E-02 1.0E-03 1	2.5E-02 12 275
20:11----20:41	1.8E-02 1.9E-02 98	2.1E-02 1.0E-02 657	4.0E-02 4.9E-04 1	1.8E-02 8 263
20:21----20:51	9.4E-03 8.0E-03 50	1.1E-02 4.8E-03 328	2.2E-02 1.7E-04 0	1.2E-02 4 263
20:31----21:01	1.2E-06 1.2E-06 0	1.3E-06 1.3E-06 0	1.3E-06 1.1E-06 0	1.2E-06 0 254
20:41----21:11	1.2E-06 1.2E-06 0	1.3E-06 1.3E-06 0	1.3E-06 1.1E-06 0	1.2E-06 0 254

MARATHON #5, CONT'D

PAGE 3

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
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STATISTICS

NUMBER OF READINGS 112

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	6.79E-02	2.44E-02	2.17E-02	1.56E-03	1.09E+02
SO2	1.00E-06	5.37E-02	2.29E-02	1.85E-02	1.55E-03	1.08E+02
NOX	1.00E-06	1.18E-01	2.92E-02	2.45E-02	1.83E-03	1.20E+02
NO2	1.00E-06	6.50E-02	1.58E-02	1.51E-02	7.75E-04	1.11E+02
NO	1.00E-06	1.11E-01	1.75E-02	2.07E-02	1.14E-03	9.09E+01
OZONE	1.00E-06	2.82E-02	1.58E-02	1.06E-02	1.25E-03	9.32E+01
SOLAR RAD	1.00E-06	3.49E-02	4.13E-03	6.64E-03	3.56E-04	4.51E+01
TEMP	0	17	10	7		
HUMIDITY	0	151	73	51	1	4257
BAROMETER	0	988	705	448	3	12061
WIND SPEED	0	16	3	4	0	978

MAXIMUM
AVERAGE

H2S	6.32E-02
SO2	5.07E-02
NOX	5.49E-02
NO2	2.88E-02
NO	3.70E-02
OZONE	2.67E-02
SOLAR RAD	1.86E-02
TEMP	16
HUMIDITY	145
BAROMETER	987
WIND SPEED	6
WIND DIRECTION	275

MARATHON #6

DATE: AUG 31 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: OPP STATION ON HWY #17 (X4700-Y0100); 5.5KM @ 025 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
21:22----21:52	9.3E-03 7.0E-03 137	1.4E-02 2.4E-02 983	1.5E-02 4.8E-06 6	8.2E-03 11 238
21:32----22:02	8.9E-03 8.3E-03 140	1.3E-02 2.4E-02 983	1.5E-02 8.0E-06 6	7.1E-03 11 233
21:42----22:12	1.0E-02 7.8E-03 142	1.3E-02 2.4E-02 983	1.6E-02 1.0E-05 7	8.4E-03 11 231
21:52----22:22	1.3E-02 7.2E-03 143	1.3E-02 2.4E-02 983	1.6E-02 1.3E-05 10	8.5E-03 11 236
22:02----22:32	1.5E-02 6.0E-03 144	1.3E-02 2.4E-02 983	1.5E-02 1.5E-05 11	9.7E-03 11 237
22:12----22:42	1.4E-02 5.4E-03 145	1.2E-02 2.6E-02 983	1.3E-02 1.4E-05 11	8.5E-03 11 237
22:22----22:52	1.2E-02 5.6E-03 147	1.1E-02 2.6E-02 983	1.2E-02 1.1E-05 10	8.4E-03 11 235
22:32----23:02	1.3E-02 5.0E-03 151	1.1E-02 2.5E-02 983	1.2E-02 7.8E-06 10	8.4E-03 11 234
22:42----23:12	1.7E-02 4.5E-03 155	1.2E-02 2.4E-02 983	1.3E-02 7.9E-06 9	9.1E-03 11 238
22:52----23:22	2.2E-02 5.4E-03 159	1.3E-02 2.2E-02 983	1.5E-02 7.3E-06 8	1.0E-02 11 237
23:02----23:32	3.0E-02 5.9E-03 161	1.5E-02 2.1E-02 983	1.6E-02 8.6E-06 8	1.2E-02 11 239
23:12----23:42	3.3E-02 7.4E-03 162	1.8E-02 2.0E-02 983	1.8E-02 9.9E-06 7	1.3E-02 11 239

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
23:22----23:52	3.5E-02 6.4E-03 161	2.0E-02 2.1E-02 983	1.3E-02 9.9E-06 9	1.3E-02 11 241
23:32----00:02	3.1E-02 7.4E-03 160	2.1E-02 2.2E-02 983	1.7E-02 9.2E-06 9	1.2E-02 11 240
23:42----00:12	2.8E-02 5.8E-03 161	2.0E-02 2.3E-02 983	1.6E-02 6.6E-06 8	1.2E-02 11 242
23:52----00:22	2.7E-02 4.5E-03 163	1.9E-02 2.3E-02 983	1.5E-02 5.3E-06 6	1.1E-02 11 244
00:02----00:32	2.7E-02 2.2E-03 164	1.9E-02 2.3E-02 983	1.7E-02 4.0E-06 7	1.3E-02 11 250
00:12----00:42	2.6E-02 1.6E-03 162	1.8E-02 2.4E-02 983	1.7E-02 4.0E-06 8	1.2E-02 11 249
00:22----00:52	2.5E-02 1.7E-03 154	1.8E-02 2.4E-02 983	1.6E-02 3.4E-06 7	1.1E-02 11 253
00:32----01:02	2.7E-02 1.4E-03 141	1.8E-02 2.5E-02 983	1.4E-02 7.3E-06 8	1.0E-02 11 255
00:42----01:12	3.1E-02 1.1E-03 126	2.0E-02 2.5E-02 983	1.6E-02 1.1E-05 8	1.4E-02 11 256
00:52----01:22	4.0E-02 1.1E-03 115	2.4E-02 2.5E-02 983	1.7E-02 1.3E-05 9	1.5E-02 11 255
01:02----01:32	4.4E-02 8.7E-04 111	2.7E-02 2.4E-02 983	1.5E-02 8.2E-06 9	1.5E-02 11 253
01:12----01:42	4.3E-02 1.3E-03 112	2.8E-02 2.4E-02 983	1.4E-02 7.5E-06 9	1.3E-02 11 252
01:22----01:52	4.1E-02 1.3E-03 113	2.9E-02 2.4E-02 983	1.4E-02 6.0E-06 9	1.3E-02 11 251
01:32----02:02	4.0E-02 2.4E-03 116	3.1E-02 2.3E-02 983	1.5E-02 6.0E-06 7	1.4E-02 11 248

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
01:42----02:12	4.2E-02 3.0E-03 121	3.1E-02 2.2E-02 983	1.6E-02 2.2E-06 6	1.3E-02 11 248
01:52----02:22	4.1E-02 6.2E-03 127	3.1E-02 2.3E-02 983	1.9E-02 2.8E-06 4	1.4E-02 11 246
02:02----02:32	4.1E-02 7.2E-03 133	3.0E-02 2.3E-02 983	2.1E-02 4.0E-06 4	1.4E-02 11 247
02:12----02:42	3.9E-02 9.5E-03 140	3.1E-02 2.2E-02 983	2.6E-02 4.0E-06 5	1.8E-02 11 244
02:22----02:52	3.7E-02 1.5E-02 149	3.1E-02 2.0E-02 983	3.0E-02 2.8E-06 4	1.8E-02 11 241
02:32----03:02	3.6E-02 1.9E-02 158	2.9E-02 1.8E-02 983	3.7E-02 3.6E-06 4	2.2E-02 11 243
02:42----03:12	3.3E-02 2.0E-02 159	2.6E-02 1.5E-02 983	3.6E-02 3.6E-06 2	1.9E-02 10 244
02:52----03:22	2.9E-02 2.2E-02 162	2.1E-02 1.2E-02 901	3.8E-02 3.0E-06 1	1.4E-02 9 250
03:02----03:32	2.4E-02 2.7E-02 168	1.5E-02 1.1E-02 901	3.8E-02 2.9E-06 0	9.5E-03 7 249
03:12----03:42	2.3E-02 3.6E-02 187	1.1E-02 1.2E-02 901	4.6E-02 6.8E-06 0	8.8E-03 7 72
03:22----03:52	2.2E-02 4.9E-02 197	7.6E-03 1.1E-02 982	5.8E-02 6.8E-06 0	1.0E-02 6 72
03:32----04:02	2.1E-02 5.8E-02 202	6.2E-03 9.8E-03 982	6.4E-02 6.1E-06 0	8.6E-03 6 72

STATISTICS

NUMBER OF READINGS 160

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	7.94E-03	5.51E-02	2.70E-02	1.15E-02	2.42E-02	1.65E+00
SO2	4.38E-03	3.44E-02	1.91E-02	7.88E-03	1.73E-02	1.59E+00
NOX	8.14E-03	8.50E-02	2.27E-02	1.59E-02	1.92E-02	1.70E+00
NO2	1.00E-06	5.04E-02	1.18E-02	6.47E-03	8.49E-03	4.74E+00
NO	1.00E-06	7.48E-02	1.15E-02	1.64E-02	2.64E-03	1.81E+01
OZONE	5.75E-03	2.75E-02	2.12E-02	5.30E-03	2.02E-02	1.39E+00
SOLAR RAD	1.00E-06	3.32E-05	6.80E-06	6.72E-06	3.60E-06	3.41E+00
TEMP	5	11	10	2		
HUMIDITY	108	206	150	24	148	1
BAROMETER	0	984	977	78	935	2
WIND SPEED	0	19	6	4	1	188

MAXIMUM
AVERAGE

H2S	4.42E-02
SO2	3.12E-02
NOX	6.36E-02
NO2	2.19E-02
NO	5.83E-02
OZONE	2.62E-02
SOLAR RAD	1.45E-05
TEMP	11
HUMIDITY	202
BAROMETER	983
WIND SPEED	11
WIND DIRECTION	256

MARATHON #7

DATE: SEP 1 1978

SCAN TIME: 60 SEC

AVERAGING TIME: 30 MIN

LOCATION:

0.8KM W OF ANGLERS CREEK ON HWY #17 (X4275-Y0285); 7.0KM @ 345 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
14:12----14:42	3.8E-02 1.5E-02 154	3.4E-02 3.2E-02 987	3.8E-02 2.9E-02 8	2.5E-02 19 164
14:17----14:47	3.6E-02 1.3E-02 155	3.5E-02 3.1E-02 987	3.7E-02 2.8E-02 7	2.7E-02 19 166
14:22----14:52	3.6E-02 1.2E-02 156	3.8E-02 3.1E-02 987	3.8E-02 2.5E-02 6	2.9E-02 19 169
14:27----14:57	3.6E-02 1.2E-02 158	3.9E-02 3.1E-02 987	3.9E-02 2.1E-02 6	3.0E-02 19 172
14:32----15:02	3.5E-02 1.1E-02 160	3.8E-02 3.2E-02 987	3.8E-02 1.9E-02 5	3.0E-02 18 175
14:37----15:07	3.5E-02 1.2E-02 160	3.8E-02 3.2E-02 987	4.0E-02 1.8E-02 5	3.1E-02 18 182
14:42----15:12	3.4E-02 1.2E-02 161	3.7E-02 3.3E-02 987	3.9E-02 1.7E-02 6	3.0E-02 18 174
14:47----15:17	3.1E-02 1.3E-02 163	3.5E-02 3.5E-02 987	3.8E-02 1.7E-02 7	2.7E-02 18 171
14:52----15:22	2.8E-02 1.5E-02 165	3.2E-02 3.6E-02 987	3.8E-02 1.6E-02 7	2.5E-02 18 164
14:57----15:27	2.4E-02 1.4E-02 167	2.9E-02 3.7E-02 986	3.5E-02 1.5E-02 7	2.3E-02 18 165
15:02----15:32	2.1E-02 1.6E-02 168	2.6E-02 3.7E-02 986	3.5E-02 1.3E-02 7	2.1E-02 18 163
15:07----15:37	1.8E-02 1.3E-02 171	2.3E-02 3.9E-02 986	3.1E-02 1.2E-02 7	2.0E-02 18 159

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
15:12----15:42	1.6E-02 1.3E-02 175	2.0E-02 3.9E-02 986	2.8E-02 1.1E-02 6	1.8E-02 18 157
15:17----15:47	1.4E-02 1.1E-02 178	1.8E-02 4.0E-02 986	2.7E-02 1.0E-02 5	1.9E-02 18 157
15:22----15:52	1.3E-02 1.0E-02 181	1.6E-02 4.0E-02 986	2.6E-02 9.5E-03 5	1.8E-02 18 162
15:27----15:57	1.2E-02 1.0E-02 187	1.5E-02 3.9E-02 986	2.7E-02 8.9E-03 5	2.0E-02 17 160
15:32----16:02	1.1E-02 8.5E-03 192	1.4E-02 4.0E-02 986	2.6E-02 8.1E-03 5	2.0E-02 17 153
15:37----16:07	9.7E-03 8.1E-03 198	1.3E-02 4.1E-02 986	2.4E-02 6.9E-03 5	1.9E-02 17 153
15:42----16:12	8.7E-03 7.6E-03 203	1.2E-02 4.1E-02 986	2.4E-02 5.5E-03 4	2.0E-02 17 159
15:47----16:17	8.4E-03 7.4E-03 209	1.1E-02 4.0E-02 986	2.6E-02 4.3E-03 4	2.1E-02 17 166
15:52----16:22	9.1E-03 6.8E-03 215	1.1E-02 3.9E-02 986	2.7E-02 2.9E-03 3	2.3E-02 17 191

STATISTICS

NUMBER OF READINGS 133

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	6.20E-03	4.52E-02	2.28E-02	1.26E-02	1.91E-02	1.96E-02
SO2	8.61E-03	4.20E-02	2.42E-02	1.13E-02	2.14E-02	1.68E-02
NOX	1.17E-02	9.21E-02	3.25E-02	1.35E-02	2.98E-02	1.52E-02
NO2	1.00E-06	6.82E-02	2.34E-02	1.17E-02	1.71E-02	4.76E-02
NO	7.49E-04	4.53E-02	1.14E-02	9.00E-03	8.48E-03	2.25E-02
OZONE	2.47E-02	4.45E-02	3.61E-02	5.35E-03	3.57E-02	1.16E-02
SOLAR RAD	8.48E-04	4.49E-02	1.43E-02	1.02E-02	9.54E-03	2.99E-02
TEMP	16	19	18	1		
HUMIDITY	146	244	179	25	177	1
BAROMETER	984	988	986	1	986	1
WIND SPEED	0	25	7	5	4	8

MAXIMUM
AVERAGE

H2S	3.77E-02
SO2	3.87E-02
NOX	3.99E-02
NO2	3.13E-02
NO	1.56E-02
OZONE	4.08E-02
SOLAR RAD	2.94E-02
TEMP	19
HUMIDITY	215
BAROMETER	987
WIND SPEED	8
WIND DIRECTION	191

TERRACE BAY #1

15:27 AUG 28 1978 SCAN= 98 SEC AVE= 30 MIN
MOOSE LODGE, OFF MILL RD. (X93888-Y04188); 1.1KM & 130 DEG/SRC

0.026
23
89
971

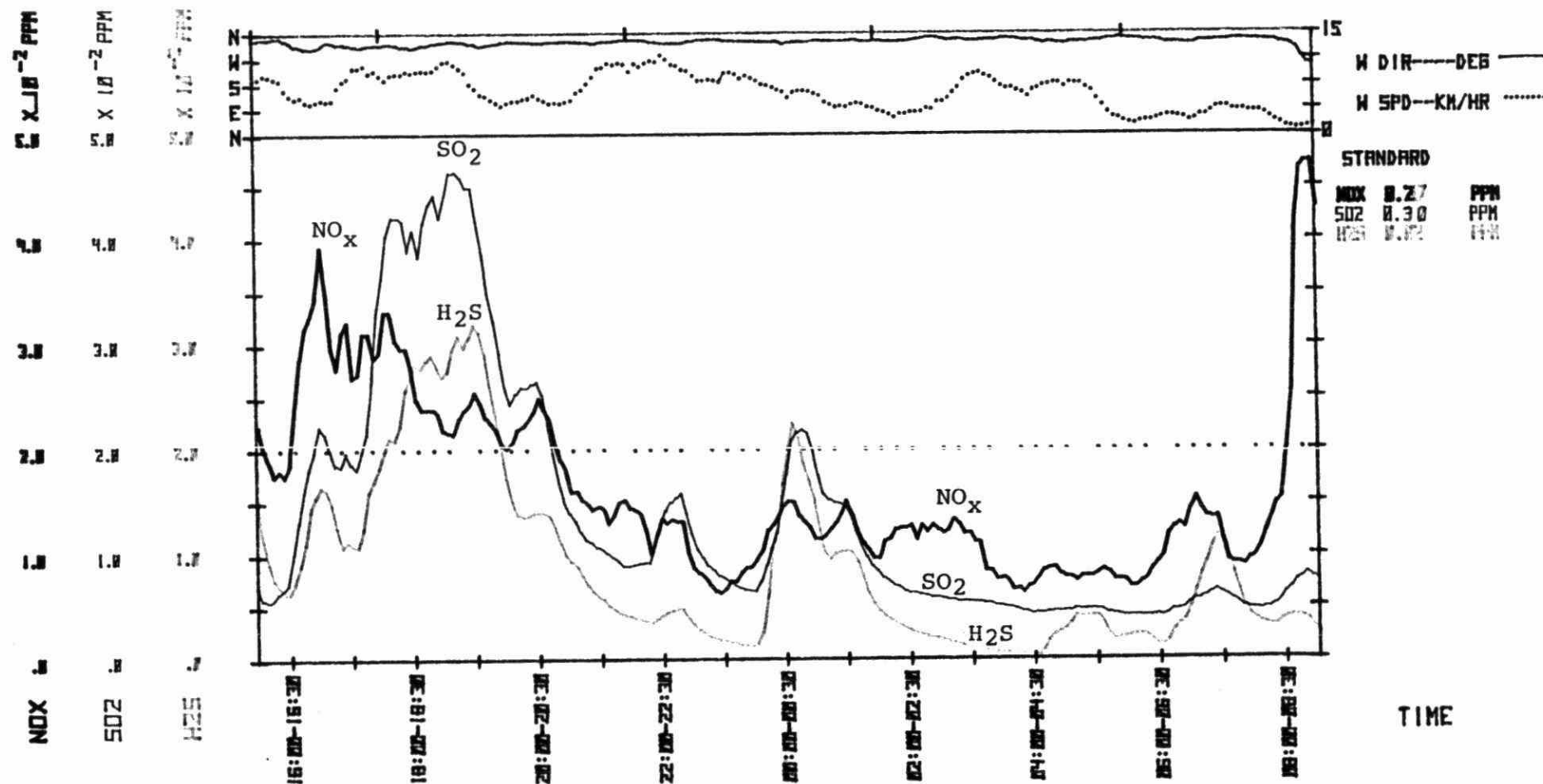
0.014
26
43
972

0.000
19
83
973

0.000
16
100
974

0.000
13
100
975

SRAD W/CM2
TEMP DEG C
HUM % REL
PRES MBAR



16:06 AUG 30 1978

SCAN= 150 SEC

HYE- 30 MIN

FIRST EFFLUENT CROSSING - TERRACE BAY

11. 056
 13
 84
 386

8.843
14
94
986

8. 828
13
99
986

0.082
11
188
986

9. 218
 9
 1 218
 9 96

0.000
 7
 1.000
 997

5
100
987

SRPD	W/CMZ
TEMP	DEG C
HUM	% REL
PRES	MMHG



NOX	0.27	PPM
SO2	0.30	PPM
H2S	0.02	PPM

TERRACE BAY #3

19:39 SEP 1 1978

SCAN= 90

SEC

AVE= 30

MIN

ADJACENT TO CLARIFIER & SETTLING POND, ON MILL PROPERTY

0.000
15
100
975

0.000
16
100
975

0.000
16
100
974

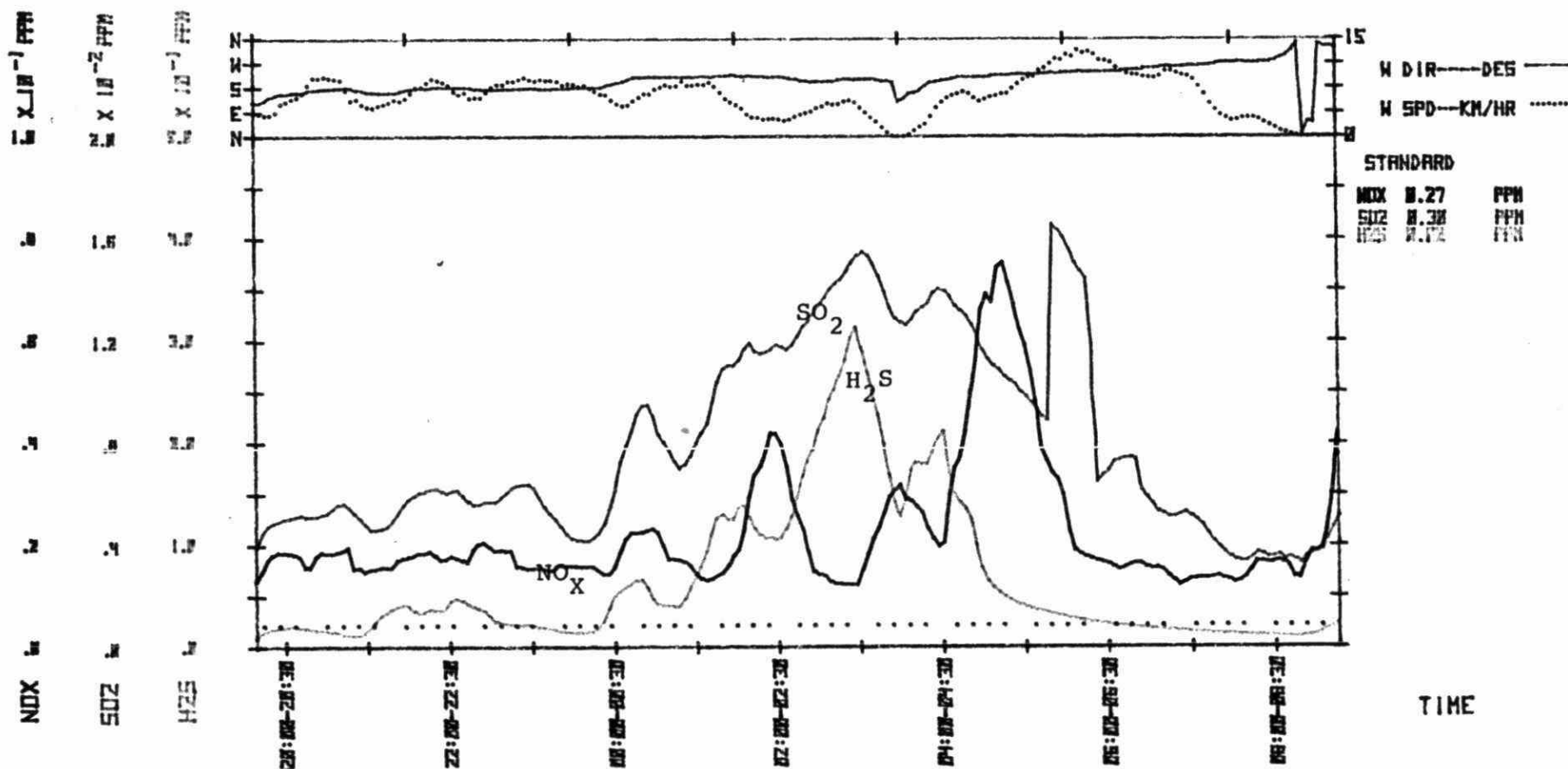
0.000
16
100
974

0.000
16
100
973

0.000
17
100
973

0.001
16
100
973

SRAD W/CH2
TEMP DEG C
HUM % REL
PRES MBAR



TERRACE BAY #1

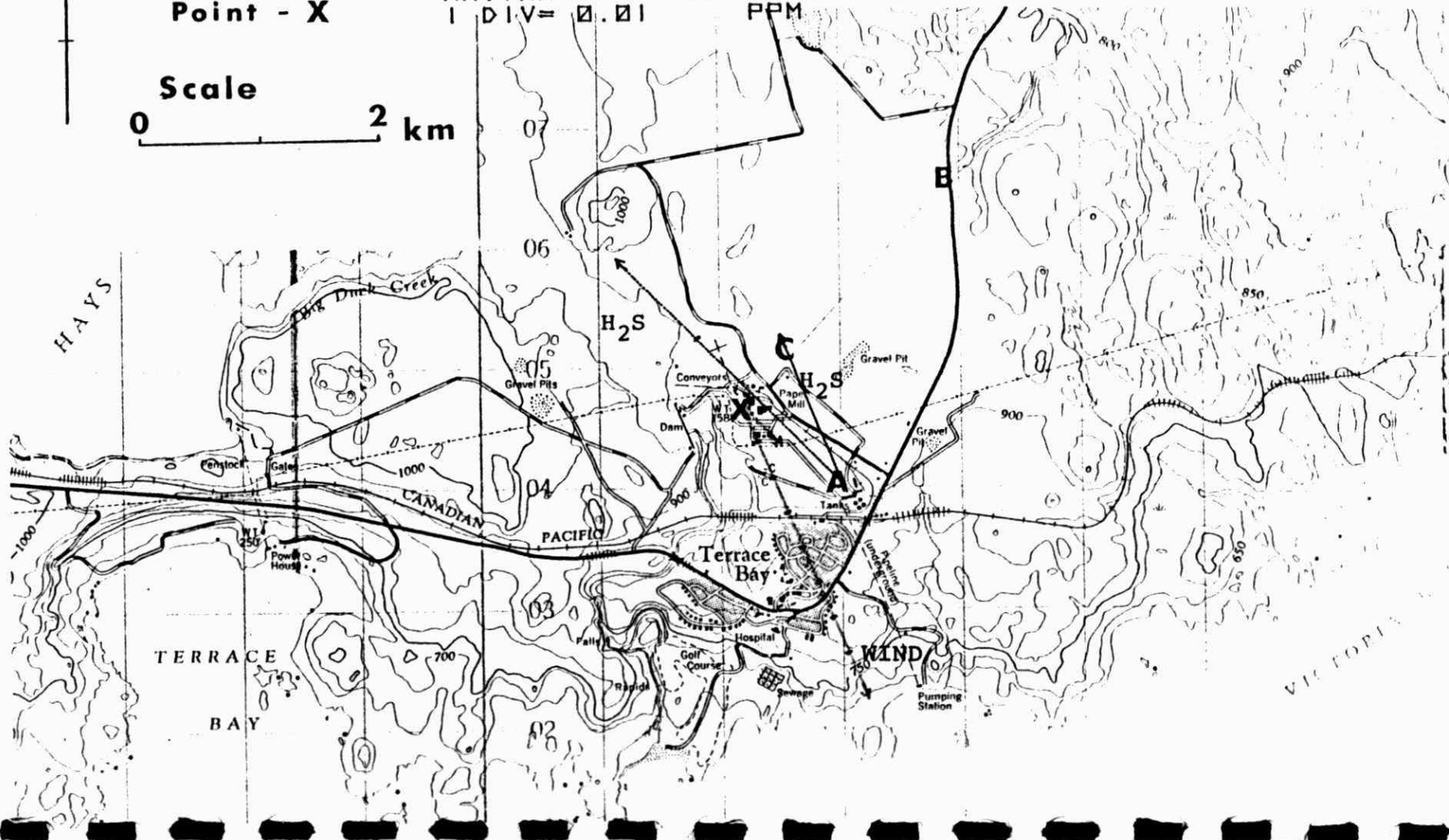
15:27 AUG 28 1978
 LENGTH= 17.5 HRS
 DELAY= 0 MIN
 LOC: MOOSE LODGE, OFF MILL RD. (X9300-Y0400); 1.1KM & 130 DEG/SRC

SCAN= 90 SEC AVE= 30 MIN
 MINIMUM MEAN= 1.00000E-06 PPM
 WIND RANGE= 0 / 15 KM/HR
 PREVAILING WINDS; BLOWING TOWARDS:
 1 DIV= 10 %
 ARITHMETIC MEAN: H2S
 1 DIV= 0.01 PPM



Reference
 Point - X

Scale
 0 2 km



TERRACE BAY #2

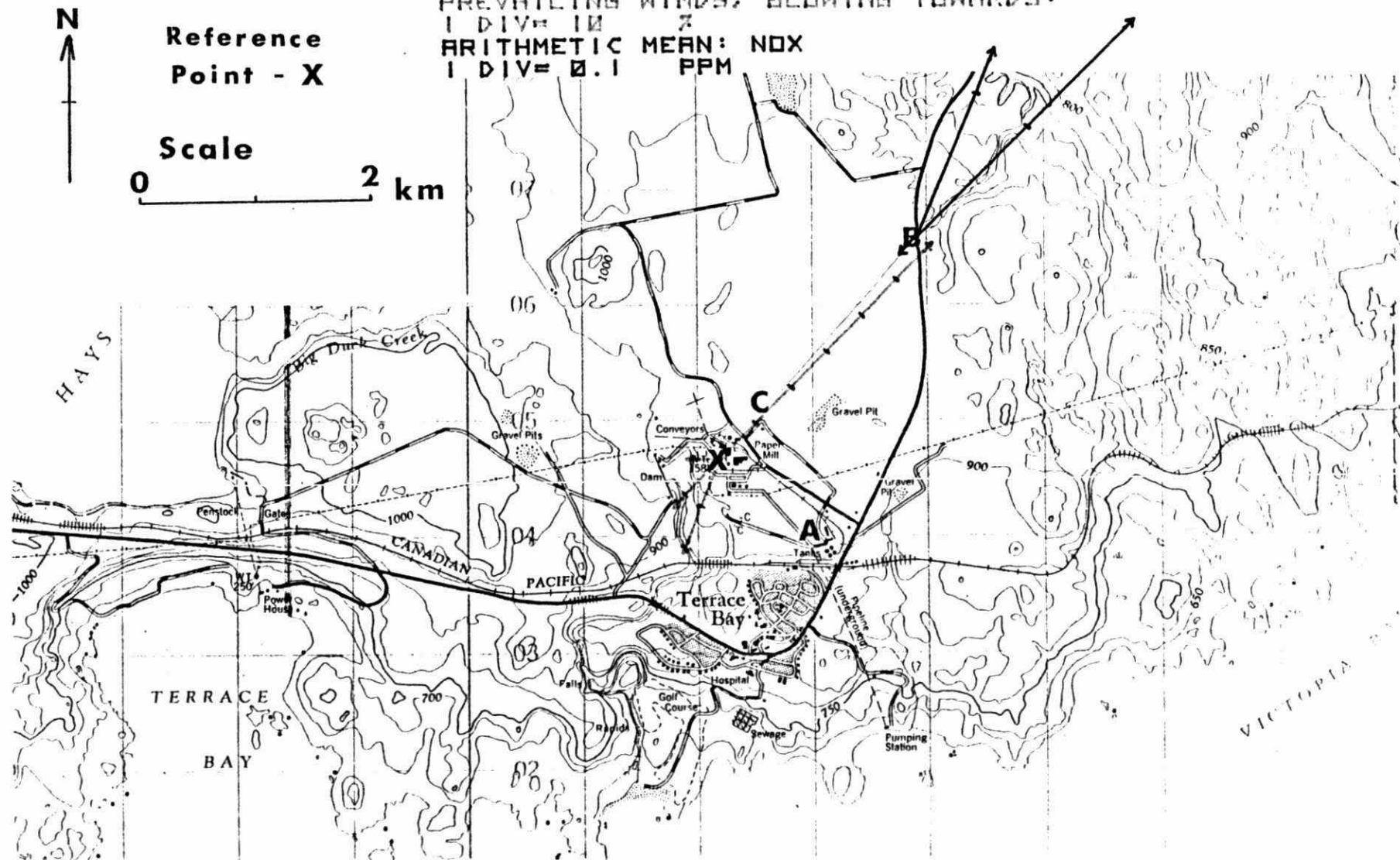

16:06 AUG 30 1978
LENGTH= 7.5 HRS
DELAY= 0 MIN
LQC: FIRST EFFLUENT

16:06 AUG 30 1978 SCAN= N50 SEC AVE= 30 MIN
LENGTH= 7.5 HRS MINIMUM MEAN= 1.00000E-03 PPM
DELAY= 0 MIN WIND RANGE= 0 / 15 KM/HR
LOC: FIRST EFFLUENT CROSSING (X9390-Y0660); 2.5KM @ 050065/5RC

PREVAILING WINDS: BLOWING TOWARDS:
1 DIV= 10
ARITHMETIC MEAN: NOX
1 DIV= 0.1 PPM

Reference Point - X

Scale



TERRACE BAY #1

DATE: AUG 28 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: MOOSE LODGE, OFF MILL RD. (X9300-Y0400); 1.1KM @ 130 DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
15:27----15:57	1.5E-02 1.5E-01 3.1E-02 971	9.2E-01 2.2E-02 2.6E-02 8	7.0E-03 1.1E-02 23 339	7.1E-01 1.3E-02 89
15:42----16:12	7.6E-03 1.4E-01 3.1E-02 971	6.1E-01 1.7E-02 2.9E-02 9	5.7E-03 7.3E-03 24 341	5.1E-01 1.2E-02 78
15:57----16:27	6.2E-03 1.4E-01 3.3E-02 971	5.4E-01 1.8E-02 2.6E-02 7	7.1E-03 9.1E-03 24 341	3.5E-01 1.2E-02 72
16:12----16:42	1.1E-02 2.0E-01 3.4E-02 971	1.7E+00 3.2E-02 2.4E-02 5	1.6E-02 2.3E-02 24 317	1.4E+00 1.5E-02 70
16:27----16:57	1.6E-02 2.0E-01 3.1E-02 971	1.7E+00 3.6E-02 2.4E-02 5	2.1E-02 2.4E-02 25 313	1.4E+00 1.7E-02 65
16:42----17:12	1.4E-02 1.5E-01 2.9E-02 971	5.6E-01 2.8E-02 2.2E-02 5	1.9E-02 1.5E-02 26 332	3.5E-01 1.5E-02 59
16:57----17:27	1.1E-02 1.5E-01 2.9E-02 971	7.2E-01 3.1E-02 2.2E-02 8	2.0E-02 1.7E-02 26 321	4.5E-01 1.5E-02 51
17:12----17:42	1.4E-02 1.8E-01 2.8E-02 971	8.5E-01 3.1E-02 2.0E-02 10	2.1E-02 1.3E-02 26 315	1.1E+00 1.8E-02 45
17:27----17:57	1.9E-02 1.8E-01 2.6E-02 972	1.0E+00 2.9E-02 1.5E-02 9	3.4E-02 1.4E-02 26 323	1.1E+00 1.7E-02 43
17:42----18:12	2.0E-02 1.4E-01 2.5E-02 972	9.2E-01 3.0E-02 9.0E-03 9	4.2E-02 1.9E-02 25 323	4.8E-01 1.4E-02 44

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
17:57----18:27	2.7E-02 1.6E-01 2.4E-02 972	1.2E+00 2.8E-02 9.3E-03 10	3.9E-02 1.8E-02 25 315	9.2E-01 1.3E-02 45
18:12----18:42	2.9E-02 2.0E-01 2.4E-02 972	1.4E+00 2.4E-02 8.7E-03 10	4.2E-02 1.3E-02 25 321	1.7E+00 1.6E-02 47
18:27----18:57	2.7E-02 1.7E-01 2.4E-02 972	8.0E-01 2.2E-02 6.6E-03 10	4.2E-02 1.3E-02 24 331	1.3E+00 1.4E-02 51
18:42----19:12	3.1E-02 1.4E-01 2.2E-02 972	1.1E+00 2.3E-02 7.5E-03 11	4.6E-02 1.3E-02 23 334	9.1E-01 8.8E-03 56
18:57----19:27	3.2E-02 1.3E-01 2.1E-02 972	1.1E+00 2.6E-02 8.4E-03 8	4.7E-02 1.4E-02 22 328	8.7E-01 1.1E-02 59
19:12----19:42	2.7E-02 1.1E-01 2.1E-02 972	7.5E-01 2.3E-02 6.1E-03 5	3.6E-02 1.3E-02 22 320	4.6E-01 1.2E-02 63
19:27----19:57	1.8E-02 1.1E-01 2.1E-02 972	8.0E-01 2.0E-02 3.2E-03 5	2.7E-02 1.1E-02 21 330	4.7E-01 1.1E-02 70
19:42----20:12	1.4E-02 1.1E-01 2.0E-02 972	7.1E-01 2.2E-02 2.6E-03 5	2.6E-02 1.2E-02 20 332	4.3E-01 1.2E-02 75
19:57----20:27	1.4E-02 1.2E-01 2.0E-02 972	6.6E-01 2.5E-02 1.9E-03 6	2.7E-02 1.6E-02 20 330	4.3E-01 1.1E-02 77
20:12----20:42	1.3E-02 1.4E-01 2.1E-02 972	7.0E-01 2.2E-02 9.0E-04 5	2.1E-02 1.4E-02 20 330	8.8E-01 1.0E-02 79
20:27----20:57	9.8E-03 1.5E-01 2.1E-02 972	8.8E-01 1.7E-02 2.3E-04 5	1.5E-02 8.2E-03 19 335	1.0E+00 9.8E-03 82

TERRACE BAY #1, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
20:42----21:12	7.9E-03 1.3E-01 2.1E-02 972	8.3E-01 1.5E-02 5.7E-05 6	1.2E-02 6.9E-03 19 333	5.7E-01 1.1E-02 85
20:57----21:27	6.0E-03 1.3E-01 2.1E-02 972	5.9E-01 1.5E-02 2.0E-05 9	1.1E-02 7.0E-03 19 329	3.9E-01 8.9E-03 85
21:12----21:42	4.8E-03 1.3E-01 2.2E-02 973	5.5E-01 1.4E-02 1.8E-05 11	9.9E-03 8.8E-03 19 333	3.7E-01 6.3E-03 84
21:27----21:57	4.1E-03 1.4E-01 2.2E-02 973	5.4E-01 1.5E-02 1.9E-05 11	9.0E-03 1.2E-02 19 339	3.5E-01 5.1E-03 83
21:42----22:12	3.7E-03 1.4E-01 2.1E-02 973	5.0E-01 1.3E-02 1.6E-05 10	9.4E-03 8.8E-03 19 339	3.2E-01 4.9E-03 84
21:57----22:27	4.1E-03 1.4E-01 2.0E-02 973	5.2E-01 1.3E-02 1.5E-05 11	1.3E-02 9.1E-03 18 330	3.7E-01 5.7E-03 86
22:12----22:42	4.7E-03 1.5E-01 1.9E-02 973	8.9E-01 1.3E-02 1.6E-05 11	1.5E-02 9.8E-03 18 326	4.6E-01 5.1E-03 87
22:27----22:57	3.5E-03 1.6E-01 2.0E-02 973	8.7E-01 9.2E-03 1.3E-05 10	1.3E-02 5.6E-03 18 332	4.0E-01 4.3E-03 90
22:42----23:12	2.3E-03 1.9E-01 2.0E-02 973	7.8E-01 7.7E-03 9.1E-06 8	9.4E-03 4.4E-03 18 339	8.9E-01 4.6E-03 93
22:57----23:27	1.8E-03 1.8E-01 2.0E-02 973	7.7E-01 6.5E-03 9.3E-06 8	7.9E-03 3.9E-03 18 339	8.9E-01 4.2E-03 95
23:12----23:42	1.4E-03 1.6E-01 2.0E-02 973	5.5E-01 7.6E-03 1.6E-05 9	7.1E-03 5.2E-03 18 335	3.5E-01 4.4E-03 97

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
23:27----23:57	1.2E-03 1.7E-01 2.0E-02 973	7.5E-01 9.1E-03 1.9E-05 9	6.6E-03 6.5E-03 18 333	3.8E-01 5.6E-03 98
23:42----00:12	6.6E-03 1.9E-01 1.8E-02 973	1.5E+00 1.3E-02 1.9E-05 8	9.2E-03 9.8E-03 18 330	8.0E-01 5.7E-03 99
23:57----00:27	1.7E-02 1.8E-01 1.7E-02 973	1.4E+00 1.5E-02 1.7E-05 7	1.5E-02 1.2E-02 18 331	8.9E-01 5.5E-03 102
00:12----00:42	2.1E-02 1.6E-01 1.6E-02 973	8.5E-01 1.4E-02 1.6E-05 6	2.2E-02 9.1E-03 18 330	5.9E-01 6.4E-03 105
00:27----00:57	1.5E-02 1.6E-01 1.7E-02 974	7.7E-01 1.2E-02 1.9E-05 6	2.0E-02 7.3E-03 17 331	5.0E-01 7.5E-03 107
00:42----01:12	9.5E-03 1.7E-01 1.7E-02 974	6.7E-01 1.2E-02 1.8E-05 5	1.5E-02 9.9E-03 17 332	4.3E-01 6.3E-03 109
00:57----01:27	1.0E-02 1.6E-01 1.7E-02 974	7.1E-01 1.5E-02 1.3E-05 4	1.5E-02 1.3E-02 17 336	4.6E-01 4.6E-03 113
01:12----01:42	8.7E-03 1.6E-01 1.7E-02 974	7.2E-01 1.2E-02 5.5E-06 5	1.1E-02 9.6E-03 17 336	4.7E-01 4.5E-03 118
01:27----01:57	4.9E-03 1.7E-01 1.7E-02 974	7.6E-01 9.4E-03 1.6E-06 4	8.8E-03 6.9E-03 16 333	4.6E-01 5.5E-03 127
01:42----02:12	3.6E-03 1.7E-01 1.7E-02 975	1.3E+00 1.2E-02 4.6E-06 3	7.4E-03 7.7E-03 16 332	5.4E-01 6.3E-03 137
01:57----02:27	2.8E-03 1.9E-01 1.6E-02 975	1.3E+00 1.3E-02 1.4E-05 3	6.4E-03 8.1E-03 15 333	5.9E-01 7.0E-03 145

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	S02 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
02:12----02:42	2.2E-03 2.0E-01 1.6E-02 975	8.3E-01 1.3E-02 2.7E-05 3	6.2E-03 9.0E-03 15 340	5.6E-01 6.5E-03 146
02:27----02:57	1.9E-03 1.9E-01 1.6E-02 975	8.6E-01 1.2E-02 2.9E-05 4	6.0E-03 8.2E-03 16 345	5.7E-01 5.7E-03 145
02:42----03:12	1.5E-03 1.7E-01 1.7E-02 975	8.1E-01 1.3E-02 2.7E-05 6	5.7E-03 8.5E-03 16 336	5.1E-01 6.0E-03 141
02:57----03:27	1.0E-03 1.7E-01 1.8E-02 975	6.8E-01 1.2E-02 2.6E-05 8	5.5E-03 8.5E-03 16 336	4.2E-01 4.8E-03 135
03:12----03:42	7.7E-04 2.1E-01 1.9E-02 975	9.0E-01 8.6E-03 1.5E-05 9	5.4E-03 5.8E-03 16 336	9.1E-01 3.7E-03 138
03:27----03:57	6.1E-04 2.1E-01 2.0E-02 975	8.7E-01 7.9E-03 6.2E-06 8	5.2E-03 4.8E-03 16 337	8.9E-01 4.3E-03 155
03:42----04:12	5.4E-04 1.8E-01 2.0E-02 975	5.7E-01 6.9E-03 1.2E-05 7	4.9E-03 3.7E-03 15 345	3.4E-01 4.9E-03 178
03:57----04:27	3.8E-04 1.8E-01 1.9E-02 975	5.9E-01 7.1E-03 1.9E-05 6	4.4E-03 4.5E-03 15 337	3.6E-01 4.5E-03 190
04:12----04:42	1.4E-03 1.8E-01 1.8E-02 975	7.4E-01 8.5E-03 2.2E-05 7	4.5E-03 6.6E-03 15 327	4.5E-01 3.6E-03 187
04:27----04:57	2.7E-03 1.7E-01 1.8E-02 975	1.8E+00 8.1E-03 2.0E-05 8	4.6E-03 6.4E-03 15 326	5.7E-01 2.9E-03 181
04:42----05:12	4.0E-03 1.9E-01 1.8E-02 976	2.0E+00 7.7E-03 1.7E-05 8	4.9E-03 6.2E-03 15 327	7.6E-01 2.7E-03 177

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
04:57----05:27	4.1E-03 1.9E-01 1.8E-02 976	1.0E+00 8.2E-03 9.5E-06 7	4.8E-03 6.1E-03 15 331	7.0E-01 3.0E-03 174
05:12----05:42	2.1E-03 1.9E-01 1.8E-02 975	8.7E-01 8.2E-03 3.5E-06 4	4.4E-03 5.0E-03 14 340	5.3E-01 4.1E-03 178
05:27----05:57	2.1E-03 1.9E-01 1.8E-02 975	9.7E-01 7.6E-03 9.3E-06 2	4.2E-03 4.1E-03 14 346	5.7E-01 4.5E-03 185
05:42----06:12	2.3E-03 2.0E-01 1.6E-02 976	9.9E-01 7.6E-03 1.5E-05 2	4.2E-03 4.3E-03 13 339	6.1E-01 4.9E-03 194
05:57----06:27	1.4E-03 2.1E-01 1.6E-02 976	9.7E-01 9.3E-03 1.8E-05 2	4.2E-03 5.0E-03 13 336	6.2E-01 5.7E-03 200
06:12----06:42	2.7E-03 2.8E-01 1.5E-02 976	1.9E+00 1.3E-02 2.5E-05 3	4.7E-03 7.3E-03 13 327	1.3E+00 5.7E-03 204
06:27----06:57	4.5E-03 2.8E-01 1.5E-02 976	2.0E+00 1.4E-02 7.5E-05 2	5.2E-03 1.0E-02 13 324	1.3E+00 5.9E-03 205
06:42----07:12	8.9E-03 2.4E-01 1.6E-02 976	1.2E+00 1.4E-02 3.0E-04 3	6.0E-03 1.2E-02 13 331	8.2E-01 5.1E-03 207
06:57----07:27	1.2E-02 3.1E-01 2.0E-02 975	1.2E+00 1.2E-02 1.3E-03 4	6.5E-03 1.1E-02 13 332	1.7E+00 3.5E-03 209
07:12----07:42	7.3E-03 2.7E-01 1.9E-02 975	8.7E-01 9.1E-03 3.9E-03 4	5.5E-03 8.4E-03 13 337	1.4E+00 3.0E-03 205
07:27----07:57	4.0E-03 1.9E-01 1.7E-02 975	7.5E-01 9.7E-03 8.5E-03 4	4.9E-03 8.0E-03 14 337	4.7E-01 4.0E-03 195

TERRACE BAY #1, CONT'D

PAGE 7

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
07:42----08:12	3.2E-03 2.0E-01 1.6E-02 975	1.6E+00 1.2E-02 1.2E-02 3	4.8E-03 9.4E-03 15 334	7.0E-01 4.9E-03 179
07:57----08:27	3.7E-03 2.6E-01 1.5E-02 976	2.4E+00 1.6E-02 1.3E-02 2	5.8E-03 1.2E-02 15 329	1.5E+00 7.6E-03 163
08:12----08:42	4.0E-03 3.8E-01 1.3E-02 976	3.3E+00 4.2E-02 1.2E-02 1	7.5E-03 2.7E-02 16 316	3.3E+00 2.0E-02 151
08:27----08:57	2.8E-03 3.3E-01 1.2E-02 976	3.4E+00 4.7E-02 2.2E-02 1	7.7E-03 2.8E-02 16 243	2.6E+00 2.2E-02 142

STATISTICS

NUMBER OF READINGS 703

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	4.72E-02	8.73E-03	9.08E-03	4.84E-03	3.39E+00
THC	4.03E-01	1.94E+01	1.05E+00	1.80E+00	7.67E-01	1.77E+00
SO2	3.21E-03	8.51E-02	1.37E-02	1.28E-02	1.00E-02	2.10E+00
THC-CH4	2.40E-01	1.89E+01	7.66E-01	1.65E+00	5.05E-01	1.88E+00
CH4	8.60E-02	1.53E+00	1.82E-01	1.10E-01	1.68E-01	1.40E+00
NOX	4.26E-03	1.85E-01	1.65E-02	1.44E-02	1.35E-02	1.80E+00
NO2	1.00E-06	1.19E-01	1.03E-02	1.22E-02	4.87E-03	8.80E+00
NO	1.09E-03	9.14E-02	8.18E-03	7.69E-03	6.32E-03	1.96E+00
OZONE	8.51E-03	4.46E-02	2.02E-02	5.13E-03	1.96E-02	1.27E+00
SOLAR RAD	1.00E-06	5.21E-02	5.47E-03	9.34E-03	1.77E-04	3.11E+01
TEMP	12	27	18	4		
HUMIDITY	40	213	118	51	106	2
BAROMETER	970	976	974	2	974	1
WIND SPEED	0	24	7	4	4	7

MAXIMUM
AVERAGE

H2S	3.18E-02
THC	3.41E+00
SO2	4.65E-02
THC-CH4	3.33E+00
CH4	3.77E-01
NOX	4.73E-02
NO2	2.84E-02
NO	2.23E-02
OZONE	3.36E-02
SOLAR RAD	2.95E-02
TEMP	26
HUMIDITY	209
BAROMETER	976
WIND SPEED	11
WIND DIRECTION	346

TERRACE BAY #2

DATE: AUG 30 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 30 MIN
 LOCATION: FIRST EFFLUENT CROSSING (X9390-Y0660); 2.5KM & 050DGS/SRC

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
16:06----16:36	5.9E-03 1.9E-01 2.1E-02 986	1.2E+00 2.3E-02 5.6E-02 10	7.2E-03 8.3E-03 13 217	1.1E+00 1.3E-02 84
16:21----16:51	5.4E-03 1.6E-01 2.1E-02 986	1.3E+00 1.7E-02 5.8E-02 11	7.3E-03 8.5E-03 15 216	1.2E+00 7.5E-03 77
16:36----17:06	4.0E-03 1.3E-01 2.1E-02 986	1.3E+00 1.3E-02 5.5E-02 10	5.5E-03 6.3E-03 15 227	8.9E-01 6.1E-03 76
16:51----17:21	3.3E-03 1.2E-01 2.1E-02 986	1.3E+00 1.1E-02 5.2E-02 13	4.3E-03 6.3E-03 14 223	9.1E-01 4.5E-03 82
17:06----17:36	2.9E-03 1.1E-01 2.1E-02 986	1.3E+00 9.4E-03 4.9E-02 14	3.3E-03 5.5E-03 14 219	9.5E-01 3.7E-03 89
17:21----17:51	2.5E-03 1.0E-01 2.1E-02 986	1.1E+00 8.6E-03 4.6E-02 12	2.5E-03 4.6E-03 14 228	8.4E-01 3.7E-03 92
17:36----18:06	2.2E-03 1.1E-01 2.2E-02 986	1.1E+00 8.3E-03 4.2E-02 12	2.3E-03 4.6E-03 13 235	7.5E-01 3.2E-03 95
17:51----18:21	2.0E-03 1.2E-01 2.2E-02 987	1.1E+00 8.1E-03 3.8E-02 12	2.1E-03 5.0E-03 13 235	7.7E-01 3.2E-03 99
18:06----18:36	1.7E-03 1.3E-01 2.1E-02 986	1.3E+00 8.2E-03 3.4E-02 11	1.9E-03 5.2E-03 13 230	1.0E+00 4.0E-03 101
18:21----18:51	1.6E-03 1.2E-01 2.1E-02 986	1.2E+00 8.5E-03 2.9E-02 9	1.7E-03 5.1E-03 13 223	9.5E-01 4.1E-03 100

TERRACE BAY #2, CONT'D

PAGE 2

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
18:36----19:06	2.2E-03 9.8E-02 2.2E-02 986	1.2E+00 9.4E-03 1.5E-02 7	2.9E-03 5.7E-03 13 228	8.3E-01 3.6E-03 102
18:51----19:21	3.7E-03 9.5E-02 2.1E-02 986	1.2E+00 1.0E-02 4.0E-03 8	4.5E-03 7.1E-03 12 225	8.2E-01 3.3E-03 113
19:06----19:36	4.3E-03 8.8E-02 2.0E-02 987	8.4E-01 1.1E-02 3.4E-03 7	4.4E-03 7.1E-03 11 233	5.7E-01 3.3E-03 124
19:21----19:51	3.6E-03 8.3E-02 2.1E-02 986	8.2E-01 1.1E-02 2.8E-03 6	3.9E-03 6.2E-03 11 240	5.5E-01 4.6E-03 127
19:36----20:06	3.1E-03 9.6E-02 2.1E-02 986	1.3E+00 1.2E-02 2.0E-03 5	3.8E-03 6.8E-03 11 227	8.7E-01 6.1E-03 132
19:51----20:21	3.0E-03 1.7E-01 1.9E-02 986	3.0E+00 1.9E-02 1.5E-03 2	4.1E-03 8.7E-03 11 221	1.7E+00 2.1E-02 142
20:06----20:36	2.6E-03 3.2E-01 1.6E-02 986	6.1E+00 5.4E-02 9.3E-04 0	5.4E-03 1.9E-02 10 226	3.8E+00 4.2E-02 148
20:21----20:51	2.4E-03 8.8E-01 1.1E-02 986	8.8E+00 9.3E-02 4.2E-04 0	7.0E-03 2.3E-02 10 238	1.0E+01 7.8E-02 154
20:36----21:06	2.3E-03 1.1E+00 7.1E-03 986	1.5E+01 1.2E-01 1.0E-04 0	8.7E-03 2.3E-02 9 12	1.4E+01 1.1E-01 161
20:51----21:21	2.2E-03 4.8E-01 7.9E-03 987	1.1E+01 1.1E-01 9.2E-05 0	9.2E-03 3.0E-02 8 14	7.5E+00 8.7E-02 170
21:06----21:36	2.3E-03 4.9E-01 6.8E-03 987	8.8E+00 1.1E-01 1.3E-05 0	8.4E-03 1.9E-02 8 9	5.1E+00 1.1E-01 179

TERRACE BAY #2, CONT'D

PAGE 3

TIME	H2S CH4 OZONE BAROMETER	THC NOX SOLAR RAD WIND SPEED	SO2 NO2 TEMP WIND DIRECTION	THC-CH4 NO HUMIDITY
21:21----21:51	2.2E-03 5.6E-01 2.2E-03 986	9.6E+00 1.2E-01 5.2E-06 0	8.0E-03 1.5E-02 7 17	6.6E+00 1.2E-01 187
21:36----22:06	2.0E-03 5.4E-01 1.1E-03 987	8.5E+00 1.2E-01 9.1E-06 0	7.4E-03 2.1E-02 7 32	7.1E+00 9.7E-02 189
21:51----22:21	2.2E-03 7.4E-01 3.4E-04 987	1.3E+01 1.4E-01 5.8E-06 0	8.8E-03 2.5E-02 6 23	9.2E+00 1.2E-01 188
22:06----22:36	3.3E-03 8.0E-01 4.5E-05 987	1.5E+01 1.6E-01 2.5E-06 0	1.1E-02 2.8E-02 6 20	9.5E+00 1.4E-01 190
22:21----22:51	3.3E-03 5.9E-01 9.9E-05 987	9.2E+00 1.3E-01 7.0E-06 0	8.7E-03 1.9E-02 6 54	6.1E+00 1.1E-01 188
22:36----23:06	2.6E-03 3.6E-01 2.2E-04 987	4.3E+00 1.3E-01 1.2E-05 0	7.6E-03 2.1E-02 5 108	3.5E+00 1.2E-01 191
22:51----23:21	2.9E-03 4.8E-01 1.5E-04 987	7.4E+00 2.2E-01 8.2E-06 0	9.7E-03 5.8E-02 5 356	5.3E+00 1.9E-01 194
23:06----23:36	3.1E-03 4.3E-01 1.1E-04 987	8.9E+00 2.8E-01 1.4E-05 0	1.0E-02 1.2E-01 5 41	5.6E+00 2.4E-01 194

STATISTICS

NUMBER OF READINGS 182

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.26E-03	1.03E-02	2.97E-03	1.23E-03	2.77E-03	1.44E+00
THC	3.88E-01	4.89E+01	5.26E+00	7.69E+00	2.42E+00	3.29E+00
SO2	1.32E-03	2.33E-02	6.04E-03	3.34E-03	5.16E-03	1.79E+00
THC-CH4	2.28E-01	3.42E+01	3.79E+00	5.56E+00	1.71E+00	3.38E+00
CH4	3.87E-02	3.92E+00	3.32E-01	4.22E-01	2.09E-01	2.45E+00
NOX	6.68E-03	7.66E-01	7.41E-02	1.00E-01	3.31E-02	3.64E+00
NO2	1.00E-06	6.50E-01	1.95E-02	5.47E-02	2.48E-03	3.26E+01
NO	2.05E-03	7.80E-01	6.27E-02	9.63E-02	1.92E-02	5.23E+00
OZONE	1.00E-06	2.24E-02	1.33E-02	9.43E-03	3.10E-03	2.29E+01
SOLAR RAD	1.00E-06	6.38E-02	1.70E-02	2.27E-02	5.27E-04	6.58E+01
TEMP	4	15	10	3		
HUMIDITY	73	200	138	43	131	1
BAROMETER	985	988	986	1	986	1
WIND SPEED	0	25	5	6	0	2553

MAXIMUM
AVERAGE

H2S	5.87E-03
THC	1.46E+01
SO2	1.05E-02
THC-CH4	1.41E+01
CH4	1.06E+00
NOX	2.79E-01
NO2	1.15E-01
NO	2.36E-01
OZONE	2.18E-02
SOLAR RAD	5.83E-02
TEMP	15
HUMIDITY	194
BAROMETER	987
WIND SPEED	14
WIND DIRECTION	356

TERRACE BAY #3

DATE: SEP 1 1978

SCAN TIME: 90 SEC

AVERAGING TIME: 30 MIN

LOCATION:

ADJACENT TO CLARIFIER & SETTLING POND(X9255-Y0510): 1.1KM @ 050DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
19:39----20:09	8.5E-03 4.2E-03 252	4.0E-03 4.6E-02 975	1.3E-02 3.2E-04 4	9.8E-03 15 124
19:54----20:24	1.7E-02 4.2E-03 232	5.0E-03 4.3E-02 975	1.8E-02 1.9E-04 4	1.6E-02 15 152
20:09----20:39	1.8E-02 4.0E-03 211	5.1E-03 4.3E-02 975	1.8E-02 9.9E-05 6	1.6E-02 16 163
20:24----20:54	1.5E-02 4.7E-03 193	5.2E-03 4.7E-02 975	1.7E-02 4.0E-05 9	1.5E-02 16 171
20:39----21:09	1.3E-02 4.5E-03 184	5.7E-03 4.9E-02 975	1.8E-02 1.3E-05 9	1.6E-02 16 176
20:54----21:24	1.1E-02 4.6E-03 179	5.1E-03 5.1E-02 975	1.5E-02 6.5E-06 6	1.2E-02 16 172
21:09----21:39	2.8E-02 6.1E-03 183	4.7E-03 5.0E-02 975	1.5E-02 8.1E-06 5	1.3E-02 16 161
21:24----21:54	3.9E-02 5.9E-03 187	5.5E-03 4.8E-02 975	1.7E-02 1.1E-05 5	1.5E-02 16 167
21:39----22:09	3.1E-02 5.2E-03 183	6.1E-03 4.9E-02 975	1.8E-02 1.0E-05 8	1.7E-02 16 177
21:54----22:24	3.6E-02 4.9E-03 176	6.1E-03 5.1E-02 974	1.7E-02 7.0E-06 9	1.5E-02 16 181
22:09----22:39	4.5E-02 5.1E-03 173	6.0E-03 5.0E-02 974	1.7E-02 3.2E-06 7	1.5E-02 16 181
22:24----22:54	3.5E-02 5.7E-03 183	5.7E-03 4.7E-02 975	2.0E-02 1.7E-06 6	1.7E-02 16 175

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
22:39----23:09	2.2E-02 5.8E-03 190	6.0E-03 4.9E-02 975	1.9E-02 3.7E-06 8	1.6E-02 16 174
22:54----23:24	2.0E-02 5.3E-03 186	6.4E-03 5.4E-02 975	1.5E-02 4.8E-06 9	1.4E-02 16 177
23:09----23:39	1.8E-02 5.1E-03 186	5.5E-03 5.4E-02 974	1.5E-02 3.9E-06 9	1.4E-02 16 176
23:24----23:54	1.4E-02 5.2E-03 194	4.5E-03 5.1E-02 974	1.6E-02 2.1E-06 8	1.4E-02 16 178
23:39----00:09	1.3E-02 5.6E-03 201	4.2E-03 5.2E-02 974	1.5E-02 3.2E-06 8	1.4E-02 15 180
23:54----00:24	2.8E-02 5.5E-03 206	5.1E-03 5.5E-02 974	1.4E-02 5.1E-06 7	1.3E-02 15 184
00:09----00:39	5.7E-02 6.4E-03 206	8.1E-03 4.9E-02 974	2.2E-02 5.5E-06 5	2.0E-02 16 207
00:24----00:54	5.7E-02 6.1E-03 207	9.5E-03 4.8E-02 974	2.3E-02 5.5E-06 7	2.1E-02 16 220
00:39----01:09	3.9E-02 5.2E-03 213	7.8E-03 5.1E-02 974	1.7E-02 5.9E-06 8	1.4E-02 16 219
00:54----01:24	5.1E-02 5.2E-03 217	7.4E-03 5.2E-02 974	1.6E-02 6.3E-06 8	1.3E-02 16 218
01:09----01:39	9.9E-02 4.5E-03 221	9.1E-03 5.4E-02 974	1.3E-02 5.1E-06 8	1.2E-02 16 220
01:24----01:54	1.2E-01 4.9E-03 221	1.1E-02 5.2E-02 974	1.6E-02 4.8E-06 6	1.5E-02 16 224
01:39----02:09	1.3E-01 7.0E-03 222	1.2E-02 4.5E-02 974	2.9E-02 1.1E-05 3	2.7E-02 16 223
01:54----02:24	1.0E-01 8.1E-03 223	1.2E-02 4.0E-02 974	4.1E-02 1.8E-05 3	3.9E-02 16 219

TERRACE BAY #3, CONT'D

PAGE 3

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
02:09----02:39	1.2E-01 6.5E-03 224	1.2E-02 4.4E-02 974	3.2E-02 1.3E-05 2	3.1E-02 16 211
02:24----02:54	1.8E-01 5.2E-03 224	1.3E-02 5.1E-02 973	1.7E-02 6.0E-06 4	1.5E-02 16 203
02:39----03:09	2.4E-01 4.8E-03 223	1.4E-02 5.3E-02 973	1.2E-02 3.7E-06 5	1.1E-02 17 203
02:54----03:24	3.0E-01 4.7E-03 221	1.5E-02 5.3E-02 973	1.2E-02 4.4E-06 6	1.0E-02 17 209
03:09----03:39	2.5E-01 7.2E-03 219	1.5E-02 4.4E-02 973	2.0E-02 3.2E-06 3	1.6E-02 17 212
03:24----03:54	1.5E-01 9.9E-03 226	1.3E-02 2.8E-02 973	3.0E-02 1.7E-06 0	2.3E-02 16 197
03:39----04:09	1.8E-01 9.7E-03 236	1.3E-02 3.2E-02 973	2.8E-02 4.8E-06 0	2.2E-02 15 161
03:54----04:24	1.9E-01 7.3E-03 243	1.4E-02 4.5E-02 973	2.1E-02 1.0E-05 3	1.7E-02 15 200
04:09----04:39	1.5E-01 1.1E-02 239	1.3E-02 3.9E-02 973	3.4E-02 1.4E-05 6	2.8E-02 16 211
04:24----04:54	1.1E-01 1.5E-02 230	1.2E-02 2.9E-02 973	5.3E-02 1.5E-05 6	4.4E-02 16 221
04:39----05:09	5.5E-02 2.2E-02 233	1.1E-02 2.3E-02 973	6.9E-02 1.8E-05 6	5.2E-02 16 225
04:54----05:24	4.2E-02 2.2E-02 234	1.0E-02 2.7E-02 973	6.6E-02 2.0E-05 7	4.8E-02 16 228
05:09----05:39	3.5E-02 1.4E-02 231	9.4E-03 3.4E-02 973	4.8E-02 2.6E-05 9	3.9E-02 16 228
05:24----05:54	3.0E-02 9.2E-03 230	1.6E-02 4.1E-02 973	3.3E-02 1.8E-05 12	2.9E-02 17 233

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
05:39----06:09	2.6E-02 5.3E-03 230	1.5E-02 4.7E-02 973	1.8E-02 7.2E-06 13	1.7E-02 17 238
05:54----06:24	2.2E-02 5.2E-03 233	6.7E-03 4.7E-02 973	1.6E-02 7.1E-06 12	1.5E-02 17 237
06:09----06:39	2.0E-02 4.8E-03 238	7.3E-03 4.6E-02 973	1.5E-02 5.5E-06 10	1.4E-02 16 240
06:24----06:54	1.8E-02 4.6E-03 244	6.2E-03 4.5E-02 973	1.5E-02 1.2E-05 9	1.4E-02 16 249
06:39----07:09	1.6E-02 4.6E-03 248	5.4E-03 4.5E-02 973	1.5E-02 4.2E-05 9	1.3E-02 16 255
06:54----07:24	1.4E-02 4.7E-03 251	5.3E-03 4.6E-02 973	1.2E-02 2.1E-04 10	1.1E-02 16 257
07:09----07:39	1.3E-02 4.7E-03 256	4.8E-03 4.4E-02 973	1.3E-02 6.8E-04 7	1.2E-02 16 260
07:24----07:54	1.1E-02 4.5E-03 258	3.8E-03 4.3E-02 973	1.3E-02 1.2E-03 3	1.2E-02 16 271
07:39----08:09	1.0E-02 4.8E-03 257	3.4E-03 4.1E-02 974	1.3E-02 2.0E-03 3	1.2E-02 16 272
07:54----08:24	9.5E-03 5.0E-03 253	3.6E-03 3.9E-02 974	1.6E-02 3.4E-03 2	1.4E-02 16 273
08:09----08:39	8.6E-03 5.0E-03 248	3.5E-03 4.0E-02 974	1.6E-02 4.7E-03 1	1.4E-02 16 296
08:24----08:54	9.1E-03 5.4E-03 236	3.7E-03 4.0E-02 974	1.8E-02 6.7E-03 0	1.6E-02 17 15
08:39----09:09	1.6E-02 6.3E-03 220	4.3E-03 3.7E-02 974	2.3E-02 1.1E-02 0	2.2E-02 17 333

STATISTICS

NUMBER OF READINGS 545

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DE.
H2S	1.00E-06	5.86E-01	6.11E-02	7.89E-02	3.23E-02	3.23E+00
SO2	1.00E-06	1.60E-01	7.98E-03	7.50E-03	6.82E-03	1.86E+00
NOX	6.16E-03	1.68E-01	2.23E-02	1.87E-02	1.85E-02	1.70E+00
NO2	1.00E-06	1.07E-01	1.90E-02	1.46E-02	1.55E-02	2.02E+00
NO	1.84E-03	5.96E-02	6.81E-03	6.29E-03	5.74E-03	1.62E+00
OZONE	8.23E-03	5.86E-02	4.47E-02	9.45E-03	4.33E-02	1.32E+00
SOLAR RAD	1.00E-06	2.30E-02	8.50E-04	2.89E-03	1.55E-05	1.62E+01
TEMP	15	19	16	1		
HUMIDITY	161	264	219	25	218	
BAROMETER	972	977	974	1	974	
WIND SPEED	0	21	6	4	1	88

MAXIMUM
AVERAGE

H2S	3.00E-01
SO2	1.64E-02
NOX	6.91E-02
NO2	5.24E-02
NO	2.23E-02
OZONE	5.46E-02
SOLAR RAD	1.10E-02
TEMP	17
HUMIDITY	258
BAROMETER	975
WIND SPEED	13
WIND DIRECTION	333

THUNDER BAY #1

DATE: JUL 31 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: MT MCKAY SKI HILL (X2950-Y5690): 0.6KM & 140 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
16:27-----17:27	9.8E-03 26 3	1.6E-02 48	3.3E-02 986	4.0E-02 4
16:42-----17:42	1.1E-02 26 9	2.0E-02 49	3.2E-02 986	4.0E-02 4
16:57-----17:57	1.4E-02 26 12	1.5E-02 49	3.3E-02 986	4.1E-02 4
17:12-----18:12	1.4E-02 25 11	1.9E-02 50	3.2E-02 986	3.7E-02 4
17:27-----18:27	1.3E-02 25 11	2.2E-02 50	3.2E-02 986	3.3E-02 4
17:42-----18:42	1.2E-02 25 8	2.0E-02 49	3.3E-02 986	3.9E-02 4
17:57-----18:57	1.2E-02 26 6	2.1E-02 47	3.4E-02 986	3.9E-02 3
18:12-----19:12	1.3E-02 26 21	2.0E-02 47	3.4E-02 986	4.2E-02 3
18:27-----19:27	1.7E-02 26 39	2.2E-02 46	3.4E-02 986	4.0E-02 3
18:42-----19:42	1.8E-02 25 50	2.2E-02 51	3.3E-02 986	3.0E-02 3
18:57-----19:57	1.6E-02 24 63	2.2E-02 60	3.2E-02 986	1.9E-02 3
19:12-----20:12	1.6E-02 22 77	2.3E-02 82	3.0E-02 986	9.2E-03 2

THUNDER BAY #1, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
19:27-----20:27	1.6E-02 19 89	2.9E-02 128	2.7E-02 987	2.5E-03 1
19:42-----20:42	1.7E-02 17 141	3.2E-02 173	2.5E-02 987	3.1E-03 1
19:57-----20:57	1.8E-02 16 173	3.3E-02 211	2.4E-02 987	3.7E-03 1
20:12-----21:12	1.8E-02 16 170	3.7E-02 237	2.2E-02 987	3.8E-03 1
20:27-----21:27	1.6E-02 15 173	3.6E-02 238	2.1E-02 987	3.6E-03 0
20:42-----21:42	1.5E-02 15 207	4.0E-02 237	2.0E-02 987	1.8E-03 0
20:57-----21:57	1.3E-02 15 228	4.6E-02 237	1.9E-02 987	7.0E-04 0
21:12-----22:12	1.2E-02 14 230	4.9E-02 238	1.8E-02 987	3.0E-04 0
21:27-----22:27	1.5E-02 14 231	5.4E-02 238	1.5E-02 987	1.0E-04 0
21:42-----22:42	2.1E-02 14 223	5.7E-02 239	1.4E-02 987	2.9E-05 0
21:57-----22:57	2.8E-02 13 226	6.9E-02 240	1.1E-02 987	1.3E-05 0
22:12-----23:12	2.9E-02 13 234	7.4E-02 240	1.1E-02 987	1.2E-05 0
22:27-----23:27	2.5E-02 13 243	7.4E-02 240	1.3E-02 987	1.4E-05 0
22:42-----23:42	2.0E-02 13 246	7.2E-02 239	1.5E-02 987	1.5E-05 0

THUNDER BAY #1, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
22:57-----23:57	1.4E-02 13 260	6.1E-02 239	1.5E-02 987	1.6E-05 0
23:12-----00:12	1.3E-02 13 262	5.7E-02 241	1.4E-02 987	1.5E-05 0
23:27-----00:27	1.7E-02 12 272	6.0E-02 243	1.0E-02 987	1.3E-05 0
23:42-----00:42	1.6E-02 12 270	6.3E-02 245	8.3E-03 988	1.0E-05 0
23:57-----00:57	1.5E-02 12 259	6.2E-02 247	9.7E-03 988	1.1E-05 0
00:12-----01:12	1.6E-02 12 234	5.7E-02 249	1.2E-02 988	1.6E-05 0
00:27-----01:27	1.3E-02 12 217	5.0E-02 250	1.4E-02 988	2.2E-05 1
00:42-----01:42	1.4E-02 12 215	4.5E-02 251	1.5E-02 988	2.3E-05 1
00:57-----01:57	1.5E-02 13 214	4.9E-02 250	1.3E-02 988	2.5E-05 1
01:12-----02:12	1.5E-02 13 214	5.4E-02 249	9.9E-03 988	1.9E-05 1
01:27-----02:27	1.5E-02 13 239	5.3E-02 249	1.0E-02 988	1.5E-05 1
01:42-----02:42	1.5E-02 13 244	5.2E-02 250	1.2E-02 988	1.6E-05 1
01:57-----02:57	1.5E-02 12 245	4.6E-02 250	1.2E-02 988	1.3E-05 1
02:12-----03:12	1.3E-02 12 249	3.9E-02 251	1.2E-02 988	1.6E-05 1

THUNDER BAY #1: CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
02:27-----03:27	1.3E-02 12 252	4.6E-02 251	9.2E-03 988	1.6E-05 1
02:42-----03:42	1.3E-02 12 262	6.0E-02 252	6.5E-03 988	1.4E-05 0
02:57-----03:57	1.8E-02 11 261	8.0E-02 253	6.2E-03 988	1.4E-05 0
03:12-----04:12	2.0E-02 11 244	8.4E-02 255	6.7E-03 988	1.2E-05 0
03:27-----04:27	2.4E-02 11 226	8.0E-02 257	7.1E-03 988	1.0E-05 0
03:42-----04:42	2.7E-02 11 197	7.4E-02 259	7.0E-03 988	1.2E-05 0
03:57-----04:57	2.8E-02 11 150	6.3E-02 259	6.4E-03 987	1.2E-05 0
04:12-----05:12	3.2E-02 11 273	6.9E-02 259	5.1E-03 987	1.2E-05 0
04:27-----05:27	3.0E-02 10 276	7.5E-02 260	4.4E-03 987	1.7E-05 0
04:42-----05:42	2.7E-02 11 282	6.9E-02 261	4.0E-03 987	2.3E-05 0
04:57-----05:57	1.9E-02 11 285	6.3E-02 262	3.6E-03 987	2.4E-05 0
05:12-----06:12	1.6E-02 11 294	5.6E-02 262	3.6E-03 987	2.8E-05 0
05:27-----06:27	1.3E-02 11 297	5.4E-02 262	3.2E-03 987	5.7E-05 0
05:42-----06:42	2.6E-02 11 302	6.4E-02 262	2.6E-03 987	1.7E-04 0

THUNDER BAY #1, CONT'D

PAGE 5

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
05:57-----06:57	3.3E-02 11 66	7.0E-02 263	2.2E-03 988	4.5E-04 0
06:12-----07:12	3.4E-02 10 72	7.7E-02 265	1.6E-03 988	9.7E-04 0

STATISTICS

NUMBER OF READINGS 897

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	3.33E-01	1.84E-02	2.96E-02	3.28E-03	3.44E+01
NO	2.69E-03	3.70E-01	5.01E-02	3.84E-02	3.95E-02	2.06E+00
OZONE	5.18E-04	3.80E-02	1.58E-02	1.13E-02	1.11E-02	2.62E+00
SOLAR RAD	1.00E-06	7.58E-02	8.14E-03	1.69E-02	1.75E-04	2.94E+01
TEMP	10	28	15	6		
HUMIDITY	40	273	202	85	170	2
BAROMETER	986	988	987	1	987	1
WIND SPEED	0	14	1	2	0	28

MAXIMUM
AVERAGE

NO2	3.36E-02
NO	8.41E-02
OZONE	3.40E-02
SOLAR RAD	4.21E-02
TEMP	26
HUMIDITY	265
BAROMETER	988
WIND SPEED	4
WIND DIRECTION	302

THUNDER BAY #2

DATE: AUG 1 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: NEEBING AVE & ROSSLYN RD (X2915-Y5895): 1.5KM & 600 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
14:40-----15:40	1.9E-02 22 181	1.3E-02 115	3.5E-02 988	2.5E-02 15
14:46-----15:46	1.8E-02 22 179	1.3E-02 123	3.4E-02 988	2.6E-02 15
14:52-----15:52	1.7E-02 22 178	1.3E-02 130	3.4E-02 988	2.2E-02 15
14:58-----15:58	1.7E-02 21 177	1.4E-02 137	3.4E-02 988	2.2E-02 14
15:04-----16:04	1.7E-02 21 182	1.4E-02 137	3.4E-02 988	2.8E-02 15
15:10-----16:10	1.5E-02 22 186	1.4E-02 135	3.6E-02 988	3.4E-02 15
15:16-----16:16	1.4E-02 22 188	1.4E-02 128	3.7E-02 987	3.8E-02 14
15:22-----16:22	1.3E-02 23 194	1.4E-02 120	3.8E-02 987	4.4E-02 13
15:28-----16:28	1.2E-02 23 200	1.3E-02 111	3.9E-02 987	5.0E-02 14
15:34-----16:34	1.2E-02 24 203	1.3E-02 101	4.0E-02 987	5.2E-02 15
15:40-----16:40	1.1E-02 25 206	1.1E-02 91	4.1E-02 987	5.2E-02 16
15:46-----16:46	1.1E-02 25 208	1.1E-02 82	4.2E-02 987	5.6E-02 16

TIME	NO2 TEMP	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
	WIND DIRECTION			

STATISTICS

NUMBER OF READINGS 84

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	5.38E-02	1.46E-02	8.51E-03	1.01E-02	4.80E+00
NO	4.94E-03	3.79E-02	1.18E-02	7.54E-03	1.02E-02	1.67E+00
OZONE	2.15E-02	4.62E-02	3.82E-02	5.93E-03	3.77E-02	1.18E+00
SOLAR RAD	8.18E-03	8.71E-02	4.00E-02	2.55E-02	3.16E-02	2.07E+00
TEMP	19	27	24	3		
HUMIDITY	64	171	101	40	94	1
BAROMETER	987	988	987	0	987	1
WIND SPEED	6	37	16	6	15	1

MAXIMUM
AVERAGE

NO2	1.86E-02
NO	1.45E-02
OZONE	4.20E-02
SOLAR RAD	5.57E-02
TEMP	25
HUMIDITY	137
BAROMETER	988
WIND SPEED	16
WIND DIRECTION	208

THUNDER BAY #3

DATE: AUG 1 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: GORE ST & CRAWFORD AVE (X2980-Y5915): 1.9KM & 020 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
18:09-----19:09	1.4E-02 26 194	7.6E-03 56	5.7E-02 987	3.0E-02 16
18:24-----19:24	1.3E-02 25 191	7.4E-03 60	5.8E-02 987	2.4E-02 16
18:39-----19:39	1.2E-02 25 192	7.6E-03 62	5.8E-02 987	2.0E-02 15
18:54-----19:54	1.2E-02 24 194	6.6E-03 64	5.6E-02 987	1.4E-02 14
19:09-----20:09	1.5E-02 24 192	7.5E-03 67	5.3E-02 987	1.2E-02 12
19:24-----20:24	1.4E-02 23 189	1.2E-02 71	5.2E-02 987	1.0E-02 11
19:39-----20:39	1.5E-02 23 184	1.4E-02 74	5.1E-02 987	8.0E-03 11
19:54-----20:54	1.8E-02 22 177	1.6E-02 78	5.2E-02 986	5.8E-03 10
20:09-----21:09	1.5E-02 21 179	1.6E-02 81	5.6E-02 986	4.0E-03 12
20:24-----21:24	1.5E-02 21 185	1.2E-02 84	5.8E-02 986	2.5E-03 13
20:39-----21:39	1.4E-02 20 190	9.7E-03 87	5.8E-02 986	1.4E-03 14
20:54-----21:54	1.3E-02 20 196	7.7E-03 89	5.5E-02 986	6.6E-04 14

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
21:09-----22:09	1.4E-02 20 198	7.8E-03 90	5.4E-02 986	2.4E-04 12
21:24-----22:24	1.4E-02 20 200	8.4E-03 90	5.3E-02 986	6.0E-05 11
21:39-----22:39	1.2E-02 20 196	9.2E-03 89	5.4E-02 986	2.1E-05 11
21:54-----22:54	9.6E-03 20 195	1.0E-02 90	5.4E-02 986	1.2E-05 11
22:09-----23:09	1.2E-02 20 201	1.6E-02 95	4.8E-02 986	7.7E-06 10
22:24-----23:24	1.5E-02 19 212	2.0E-02 100	4.3E-02 986	1.7E-05 6
22:39-----23:39	1.9E-02 19 258	2.8E-02 106	3.5E-02 986	1.6E-05 3
22:54-----23:54	3.3E-02 19 318	4.0E-02 112	2.7E-02 986	1.5E-05 4
23:09-----00:09	3.3E-02 19 341	3.8E-02 120	2.4E-02 986	1.7E-05 6
23:24-----00:24	3.7E-02 18 340	4.1E-02 134	2.0E-02 985	7.7E-06 5
23:39-----00:39	3.8E-02 17 330	3.8E-02 159	1.8E-02 985	8.6E-06 4
23:54-----00:54	3.3E-02 17 333	3.8E-02 187	1.9E-02 985	1.4E-05 4
00:09-----01:09	4.1E-02 16 326	4.9E-02 212	1.7E-02 985	1.4E-05 2
00:24-----01:24	3.8E-02 16 318	4.7E-02 232	1.6E-02 985	2.0E-05 2

THUNDER BAY #3, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
00:39-----01:39	4.3E-02 16 342	5.6E-02 243	1.5E-02 985	2.4E-05 2
00:54-----01:54	4.3E-02 16 326	6.4E-02 247	1.2E-02 985	2.4E-05 1
01:09-----02:09	4.1E-02 16 325	5.9E-02 250	1.2E-02 985	2.8E-05 2
01:24-----02:24	3.7E-02 16 306	5.9E-02 252	1.1E-02 985	2.6E-05 2
01:39-----02:39	3.2E-02 16 269	5.2E-02 253	1.1E-02 985	2.5E-05 2
01:54-----02:54	2.7E-02 16 258	3.8E-02 256	1.2E-02 985	2.6E-05 3
02:09-----03:09	1.9E-02 16 242	3.5E-02 258	1.6E-02 985	2.5E-05 4
02:24-----03:24	1.8E-02 16 233	3.5E-02 258	1.9E-02 985	2.6E-05 5
02:39-----03:39	1.7E-02 16 222	3.4E-02 250	2.3E-02 985	2.4E-05 6
02:54-----03:54	1.7E-02 16 217	3.4E-02 240	2.6E-02 985	1.9E-05 7
03:09-----04:09	1.6E-02 16 217	3.5E-02 230	2.7E-02 985	1.4E-05 7
03:24-----04:24	1.9E-02 16 215	3.6E-02 222	2.5E-02 985	1.2E-05 7
03:39-----04:39	2.0E-02 16 216	4.3E-02 221	2.5E-02 985	9.4E-06 7
03:54-----04:54	2.0E-02 15 215	4.5E-02 215	2.5E-02 960	9.0E-06 7

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
04:09-----05:09	1.7E-02 11 211	3.5E-02 160	1.7E-02 714	8.4E-06 6
04:24-----05:24	2.0E-02 10 210	3.7E-02 147	1.4E-02 665	6.5E-06 5
04:39-----05:39	2.3E-02 10 211	3.4E-02 146	1.4E-02 665	1.1E-05 5
04:54-----05:54	2.1E-02 11 212	3.8E-02 149	1.6E-02 689	1.1E-05 5
05:09-----06:09	2.9E-02 15 212	5.0E-02 202	2.2E-02 936	1.6E-05 6
05:24-----06:24	3.0E-02 15 211	5.4E-02 212	2.2E-02 985	3.5E-05 7
05:39-----06:39	2.8E-02 15 209	5.6E-02 211	2.3E-02 985	1.1E-04 7
05:54-----06:54	3.6E-02 15 210	5.7E-02 211	1.6E-02 985	2.9E-04 7
06:09-----07:09	3.9E-02 15 210	5.9E-02 211	1.5E-02 985	6.5E-04 6
06:24-----07:24	3.6E-02 15 213	5.8E-02 211	1.6E-02 935	1.2E-03 6
06:39-----07:39	3.8E-02 15 215	6.0E-02 210	1.4E-02 985	1.9E-03 7
06:54-----07:54	3.5E-02 15 215	6.3E-02 209	1.7E-02 985	2.7E-03 6
07:09-----08:09	3.2E-02 16 216	6.6E-02 201	1.7E-02 985	5.7E-03 6
07:24-----08:24	3.5E-02 16 217	7.2E-02 190	1.6E-02 985	1.1E-02 5

THUNDER BAY #3, CONT'D

PAGE 5

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
07:39-----08:39	3.4E-02 17 219	7.5E-02 177	1.6E-02 985	1.6E-02 5
07:54-----08:54	2.8E-02 18 229	7.2E-02 163	1.9E-02 985	2.3E-02 6

STATISTICS

NUMBER OF READINGS 592

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	2.13E-01	2.41E-02	2.24E-02	1.15E-02	1.04E+01
NO	1.00E-06	2.34E-01	3.64E-02	2.95E-02	2.12E-02	5.66E+00
OZONE	1.00E-06	6.49E-02	3.04E-02	1.84E-02	2.06E-02	5.05E+00
SOLAR RAD	1.00E-06	4.51E-02	5.01E-03	9.98E-03	1.39E-04	2.83E+01
TEMP	0	28	18	4		
HUMIDITY	0	286	159	74	96	1
BAROMETER	0	987	964	145	625	2
WIND SPEED	0	23	8	5	4	14

MAXIMUM
AVERAGE

NO2	4.28E-02
NO	7.48E-02
OZONE	5.79E-02
SOLAR RAD	3.03E-02
TEMP	26
HUMIDITY	258
BAROMETER	987
WIND SPEED	16
WIND DIRECTION	342

THUNDER BAY #4

DATE: AUG 2 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: GRAVEL PIT RD. (X3060-Y5770); 1.5KM & 080 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
16:09-----17:09	1.8E-02 19 249	1.6E-02 65	4.3E-02 988	3.3E-03 17
16:24-----17:24	1.5E-02 19 254	2.0E-02 64	4.3E-02 988	3.3E-03 15
16:39-----17:39	1.3E-02 19 256	2.9E-02 64	4.2E-02 988	3.5E-03 15
16:54-----17:54	1.2E-02 19 256	3.7E-02 63	4.2E-02 988	3.9E-03 14
17:09-----18:09	1.1E-02 19 258	4.2E-02 61	4.1E-02 988	5.3E-03 13
17:24-----18:24	1.3E-02 20 254	4.3E-02 60	4.0E-02 989	6.8E-03 13
17:39-----18:39	1.6E-02 20 253	3.9E-02 58	3.8E-02 989	7.4E-03 12
17:54-----18:54	2.0E-02 20 251	3.2E-02 56	3.5E-02 989	7.4E-03 12
18:09-----19:09	2.0E-02 20 251	3.3E-02 56	3.4E-02 989	5.8E-03 12
18:24-----19:24	1.9E-02 20 254	4.0E-02 56	3.2E-02 989	4.3E-03 10
18:39-----19:39	1.9E-02 20 255	4.8E-02 57	3.1E-02 989	3.2E-03 9
18:54-----19:54	1.6E-02 19 257	4.8E-02 61	3.0E-02 989	2.1E-03 8

THUNDER BAY #4, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
19:09-----20:09	2.0E-02 18 258	4.4E-02 65	2.8E-02 989	2.2E-03 7
19:24-----20:24	2.7E-02 18 255	3.5E-02 67	2.7E-02 990	2.1E-03 8
19:39-----20:39	2.7E-02 17 253	2.4E-02 71	2.7E-02 990	1.8E-03 8
19:54-----20:54	2.9E-02 17 252	2.4E-02 76	2.6E-02 990	1.9E-03 8
20:09-----21:09	2.4E-02 16 250	2.3E-02 82	2.6E-02 990	1.4E-03 8
20:24-----21:24	1.8E-02 16 249	2.1E-02 88	2.6E-02 990	6.4E-04 8
20:39-----21:39	1.5E-02 15 246	1.9E-02 94	2.5E-02 990	4.9E-04 7
20:54-----21:54	1.5E-02 15 246	1.8E-02 98	2.4E-02 990	2.5E-04 6

STATISTICS

NUMBER OF READINGS 138

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	8.16E-02	1.79E-02	1.66E-02	3.38E-03	3.82E+01
NO	5.14E-03	1.58E-01	2.97E-02	2.37E-02	2.41E-02	1.85E+00
OZONE	2.03E-02	4.72E-02	3.31E-02	7.81E-03	3.22E-02	1.27E+00
SOLAR RAD	8.31E-06	1.07E-02	3.14E-03	2.69E-03	1.58E-03	4.85E+00
TEMP	13	21	18	2		
HUMIDITY	53	111	70	16	68	1
BAROMETER	988	991	989	1	989	1
WIND SPEED	2	27	11	5	10	2

MAXIMUM
AVERAGE

NO2	2.85E-02
NO	4.80E-02
OZONE	4.34E-02
SOLAR RAD	7.40E-03
TEMP	20
HUMIDITY	98
BAROMETER	990
WIND SPEED	17
WIND DIRECTION	258

THUNDER BAY #5

DATE: AUG 2 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 50 MIN
 LOCATION: GRAVEL PIT RD. (X3060-Y5770): 1.5KM @ 080 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
21:58-----22:58	1.0E-02 13 249	2.1E-02 114	2.1E-02 991	1.8E-05 6
22:13-----23:13	1.1E-02 13 250	2.1E-02 114	2.2E-02 991	1.9E-05 6
22:28-----23:28	1.2E-02 13 250	2.1E-02 114	2.1E-02 991	1.9E-05 7
22:43-----23:43	1.0E-02 12 252	2.3E-02 114	2.1E-02 991	1.9E-05 6
22:58-----23:58	9.5E-03 12 254	2.5E-02 114	2.0E-02 991	1.8E-05 6
23:13-----00:13	8.3E-03 12 255	2.7E-02 116	2.0E-02 991	1.8E-05 5
23:28-----00:28	9.4E-03 12 255	2.6E-02 116	2.1E-02 991	2.0E-05 5
23:43-----00:43	7.7E-03 12 251	2.2E-02 115	2.1E-02 991	2.0E-05 6
23:58-----00:58	6.9E-03 12 249	2.1E-02 115	2.2E-02 992	2.0E-05 7
00:13-----01:13	6.9E-03 12 247	1.8E-02 115	2.2E-02 992	2.0E-05 8
00:28-----01:28	4.9E-03 12 247	1.8E-02 117	2.2E-02 992	1.7E-05 8
00:43-----01:43	5.2E-03 12 248	1.7E-02 121	2.1E-02 992	1.7E-05 8

THUNDER BAY #5, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
00:58-----01:58	5.9E-03 12 247	1.7E-02 124	2.0E-02 992	1.7E-05 8
01:13-----02:13	5.8E-03 11 247	1.7E-02 128	2.0E-02 992	1.8E-05 8
01:28-----02:28	6.2E-03 11 246	1.7E-02 131	1.9E-02 992	1.9E-05 8
01:43-----02:43	8.6E-03 11 244	1.7E-02 135	1.8E-02 992	2.1E-05 8
01:58-----02:58	9.1E-03 11 244	1.7E-02 137	1.7E-02 992	2.1E-05 8
02:13-----03:13	9.8E-03 11 244	1.7E-02 139	1.7E-02 992	2.2E-05 8
02:28-----03:28	1.0E-02 11 244	1.7E-02 142	1.6E-02 992	2.1E-05 8
02:43-----03:43	8.4E-03 11 243	1.7E-02 143	1.7E-02 992	1.9E-05 8
02:58-----03:58	7.6E-03 11 242	1.6E-02 144	1.6E-02 992	1.9E-05 7
03:13-----04:13	6.9E-03 11 242	1.9E-02 143	1.8E-02 992	1.9E-05 6
03:28-----04:28	5.1E-03 11 244	2.3E-02 142	1.8E-02 992	2.1E-05 6
03:43-----04:43	6.1E-03 11 248	2.8E-02 142	1.8E-02 992	1.9E-05 5
03:58-----04:58	9.1E-03 11 251	3.2E-02 145	1.8E-02 992	1.6E-05 4
04:13-----05:13	9.2E-03 11 250	3.1E-02 148	1.7E-02 992	1.3E-05 5

THUNDER BAY #5, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
04:28----05:28	1.0E-02 10 248	2.8E-02 152	1.6E-02 992	1.1E-05 5
04:43----05:43	9.3E-03 10 244	2.4E-02 156	1.6E-02 992	1.2E-05 6
04:58----05:58	6.1E-03 10 241	2.1E-02 158	1.6E-02 992	1.5E-05 6
05:13----06:13	5.7E-03 10 243	2.0E-02 158	1.6E-02 992	1.8E-05 7
05:28----06:28	5.5E-03 10 246	2.1E-02 158	1.6E-02 992	2.3E-05 7
05:43----06:43	5.9E-03 10 249	2.0E-02 159	1.7E-02 992	4.0E-05 7
05:58----06:58	7.1E-03 10 251	2.4E-02 159	1.6E-02 992	8.5E-05 7
06:13----07:13	8.5E-03 10 250	2.5E-02 157	1.6E-02 992	2.0E-04 6
06:28----07:28	9.0E-03 10 249	2.7E-02 150	1.5E-02 992	4.5E-04 7
06:43----07:43	9.6E-03 11 246	2.7E-02 139	1.5E-02 993	6.8E-04 7
06:58----07:58	1.0E-02 12 244	2.5E-02 127	1.4E-02 993	9.7E-04 8
07:13----08:13	1.1E-02 13 243	2.3E-02 114	1.5E-02 993	1.7E-03 9
07:28----08:28	1.1E-02 14 242	2.2E-02 105	1.5E-02 993	2.1E-03 10
07:43----08:43	1.1E-02 14 243	2.0E-02 99	1.6E-02 993	2.3E-03 10

THUNDER BAY #5, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
07:58-----08:58	1.1E-02 15 244	1.9E-02 94	1.6E-02 993	2.5E-03 9

STATISTICS

NUMBER OF READINGS 266

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	6.00E-02	8.50E-03	7.89E-03	2.39E-03	2.19E+01
NO	1.30E-02	6.79E-02	2.15E-02	8.96E-03	2.02E-02	1.37E+00
OZONE	1.25E-02	2.29E-02	1.80E-02	2.62E-03	1.79E-02	1.16E+00
SOLAR RAD	5.54E-06	4.00E-03	3.51E-04	8.01E-04	4.45E-05	5.95E+00
TEMP	9	16	12	1		
HUMIDITY	87	161	130	20	128	1
BAROMETER	991	993	992	1	992	1
WIND SPEED	1	14	7	2	7	1

MAXIMUM
AVERAGE

NO2	1.17E-02
NO	3.22E-02
OZONE	2.21E-02
SOLAR RAD	2.45E-03
TEMP	15
HUMIDITY	159
BAROMETER	993
WIND SPEED	10
WIND DIRECTION	255

THUNDER BAY #6

DATE: AUG 3 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: GRAVEL PIT RD. (X3060-Y5770); 1.5KM & 080 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
12:51-----13:51	4.3E-02 17 254	5.2E-02 78	2.2E-02 994	2.5E-03 6
13:06-----14:06	4.1E-02 17 257	5.5E-02 78	2.2E-02 994	2.5E-03 6
13:21-----14:21	3.3E-02 18 256	6.0E-02 71	2.3E-02 994	2.3E-03 7
13:36-----14:36	2.1E-02 18 255	7.2E-02 65	2.4E-02 994	2.3E-03 7
13:51-----14:51	2.0E-02 18 252	7.6E-02 67	2.5E-02 994	2.6E-03 8
14:06-----15:06	3.9E-02 18 255	8.0E-02 69	2.5E-02 994	2.5E-03 8
14:21-----15:21	4.3E-02 18 251	7.9E-02 74	2.5E-02 994	2.7E-03 8

STATISTICS

NUMBER OF READINGS 60

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	3.50E-01	3.94E-02	5.17E-02	3.71E-03	8.27E+01
NO	1.32E-02	1.33E-01	6.48E-02	2.98E-02	5.77E-02	1.67E+00
OZONE	1.93E-02	3.03E-02	2.36E-02	2.29E-03	2.35E-02	1.10E+00
SOLAR RAD	1.06E-03	4.93E-03	2.57E-03	8.83E-04	2.43E-03	1.41E+00
TEMP	15	20	18	1		
HUMIDITY	56	104	74	14	73	1
BAROMETER	993	994	994	0	994	1
WIND SPEED	3	19	8	3	7	2

MAXIMUM
AVERAGE

NO2	4.30E-02
NO	8.05E-02
OZONE	2.51E-02
SOLAR RAD	2.66E-03
TEMP	18
HUMIDITY	78
BAROMETER	994
WIND SPEED	8
WIND DIRECTION	257

THUNDER BAY #7

DATE: AUG 3 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: D.N.D. RIFLE RANGE (X3035-Y5730); 1.1KM @ 090 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
16:28-----17:28	1.9E-02 21 250	4.7E-02 51	2.9E-02 992	5.5E-02 14
16:43-----17:43	1.9E-02 21 250	4.3E-02 49	2.8E-02 992	5.5E-02 15
16:58-----17:58	2.1E-02 22 252	3.7E-02 45	2.8E-02 992	5.2E-02 13
17:13-----18:13	1.8E-02 22 252	3.5E-02 44	2.9E-02 992	4.5E-02 13
17:28-----18:28	2.1E-02 21 254	3.4E-02 52	2.8E-02 992	3.5E-02 13
17:43-----18:43	1.9E-02 19 250	3.2E-02 69	2.9E-02 992	2.4E-02 10
17:58-----18:58	1.6E-02 17 244	2.8E-02 89	2.9E-02 992	1.4E-02 12
18:13-----19:13	1.6E-02 15 241	2.8E-02 107	3.0E-02 993	1.6E-02 12
18:28-----19:28	1.3E-02 15 238	1.6E-02 111	3.1E-02 993	2.8E-02 12
18:43-----19:43	1.5E-02 15 241	1.5E-02 107	3.0E-02 993	2.1E-02 13
18:58-----19:58	1.8E-02 16 242	1.5E-02 101	2.8E-02 992	2.1E-02 11
19:13-----20:13	1.9E-02 16 245	1.7E-02 98	2.6E-02 992	1.3E-02 10

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
19:28-----20:28	1.8E-02 16 249	1.9E-02 99	2.5E-02 992	7.8E-03 10
19:43-----20:43	1.5E-02 16 250	2.0E-02 99	2.5E-02 992	5.0E-03 11
19:58-----20:58	1.0E-02 16 250	1.9E-02 101	2.7E-02 992	3.2E-03 12
20:13-----21:13	9.3E-03 15 250	1.9E-02 102	2.8E-02 992	2.4E-03 14
20:28-----21:28	8.5E-03 15 247	1.6E-02 105	2.9E-02 992	1.7E-03 15
20:43-----21:43	7.5E-03 15 245	1.4E-02 108	2.9E-02 992	1.1E-03 17
20:58-----21:58	6.4E-03 14 243	1.2E-02 110	2.9E-02 992	5.9E-04 18

STATISTICS

NUMBER OF READINGS 228

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.19E-01	1.48E-02	1.32E-02	7.98E-03	7.69E-03
NO	5.68E-03	1.08E-01	2.42E-02	1.73E-02	2.00E-02	1.82E-02
OZONE	1.56E-02	3.55E-02	2.84E-02	3.19E-03	2.82E-02	1.13E+00
SOLAR RAD	2.08E-05	7.36E-02	2.09E-02	2.28E-02	6.12E-03	8.72E-03
TEMP	13	25	17	3		
HUMIDITY	37	158	87	29	81	1
BAROMETER	992	993	992	0	992	1
WIND SPEED	2	31	14	5	13	

MAXIMUM
AVERAGE

NO2	2.15E-02
NO	4.72E-02
OZONE	3.11E-02
SOLAR RAD	5.50E-02
TEMP	22
HUMIDITY	111
BAROMETER	993
WIND SPEED	18
WIND DIRECTION	254

THUNDER BAY #8

DATE: AUG 3 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: C.N.R.A. REC. CENTRE (X3050-Y5830): 1.7KM & 050 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
22:32-----23:32	3.3E-02 13 236	5.7E-02 124	2.0E-02 994	6.0E-06 9
22:47-----23:47	3.4E-02 13 237	5.3E-02 122	2.1E-02 994	7.8E-06 9
23:02-----00:02	3.3E-02 13 238	5.6E-02 122	2.0E-02 994	9.3E-06 10
23:17-----00:17	3.0E-02 13 239	5.9E-02 122	2.1E-02 994	9.1E-06 10
23:32-----00:32	2.5E-02 13 242	5.7E-02 124	2.1E-02 994	9.8E-06 10
23:47-----00:47	2.1E-02 13 244	5.9E-02 125	2.2E-02 994	1.0E-05 10
00:02-----01:02	2.2E-02 13 244	5.6E-02 125	2.2E-02 994	9.4E-06 10
00:17-----01:17	2.6E-02 13 247	5.2E-02 125	2.3E-02 994	1.1E-05 10
00:32-----01:32	2.8E-02 13 246	5.2E-02 125	2.3E-02 994	1.5E-05 11
00:47-----01:47	2.6E-02 13 246	4.6E-02 125	2.4E-02 993	1.7E-05 12
01:02-----02:02	2.3E-02 13 245	4.4E-02 125	2.4E-02 993	1.9E-05 13
01:17-----02:17	2.1E-02 13 248	4.1E-02 124	2.5E-02 993	1.8E-05 13

THUNDER BAY #8, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
01:32-----02:32	2.2E-02 14 252	4.1E-02 124	2.5E-02 993	1.4E-05 13
01:47-----02:47	2.9E-02 14 257	4.3E-02 125	2.4E-02 993	1.1E-05 13
02:02-----03:02	3.6E-02 14 263	4.8E-02 126	2.4E-02 993	9.4E-06 13
02:17-----03:17	4.4E-02 14 265	4.8E-02 127	2.3E-02 993	9.4E-06 12
02:32-----03:32	4.7E-02 14 267	5.5E-02 128	2.3E-02 993	1.0E-05 12
02:47-----03:47	5.6E-02 14 266	5.6E-02 129	2.2E-02 993	1.0E-05 12
03:02-----04:02	5.8E-02 14 265	5.2E-02 131	2.3E-02 993	1.1E-05 11
03:17-----04:17	5.0E-02 14 261	5.3E-02 132	2.3E-02 993	1.0E-05 11
03:32-----04:32	4.7E-02 14 260	4.9E-02 133	2.3E-02 993	1.0E-05 11
03:47-----04:47	3.3E-02 14 260	5.0E-02 134	2.4E-02 993	1.1E-05 12
04:02-----05:02	3.7E-02 14 259	4.9E-02 132	2.3E-02 993	1.3E-05 12
04:17-----05:17	3.5E-02 14 258	4.8E-02 130	2.3E-02 993	1.4E-05 12
04:32-----05:32	3.1E-02 14 257	4.5E-02 128	2.3E-02 993	1.3E-05 13
04:47-----05:47	3.1E-02 14 254	4.1E-02 127	2.3E-02 993	1.4E-05 13

THUNDER BAY #8, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
05:02-----06:02	2.1E-02 14 253	3.9E-02 126	2.3E-02 993	1.8E-05 13
05:17-----06:17	2.3E-02 14 256	3.8E-02 124	2.3E-02 993	2.4E-05 14
05:32-----06:32	2.9E-02 14 256	3.8E-02 122	2.4E-02 993	5.0E-05 14
05:47-----06:47	3.8E-02 14 259	4.1E-02 120	2.4E-02 993	1.4E-04 14
06:02-----07:02	4.0E-02 15 259	4.5E-02 119	2.5E-02 993	4.1E-04 14
06:17-----07:17	4.3E-02 15 259	4.6E-02 118	2.6E-02 993	8.7E-04 14
06:32-----07:32	4.0E-02 15 259	5.0E-02 116	2.7E-02 993	2.3E-03 15
06:47-----07:47	3.0E-02 15 258	4.9E-02 112	2.8E-02 994	4.8E-03 16
07:02-----08:02	3.1E-02 15 260	5.5E-02 110	2.8E-02 994	6.2E-03 15
07:17-----08:17	3.0E-02 15 262	6.0E-02 107	2.8E-02 994	8.4E-03 15
07:32-----08:32	3.2E-02 16 263	5.9E-02 106	2.9E-02 994	9.6E-03 14
07:47-----08:47	4.2E-02 16 265	6.1E-02 105	2.9E-02 994	1.0E-02 13
08:02-----09:02	3.8E-02 16 264	5.1E-02 104	3.0E-02 994	1.3E-02 13
08:17-----09:17	3.7E-02 16 262	4.9E-02 101	2.9E-02 994	1.7E-02 13

THUNDER BAY #8, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
08:32-----09:32	4.2E-02 17 261	6.4E-02 97	2.8E-02 994	2.2E-02 14
08:47-----09:47	3.9E-02 17 263	7.4E-02 94	2.7E-02 994	2.5E-02 14
09:02-----10:02	4.4E-02 18 264	8.7E-02 90	2.6E-02 994	3.0E-02 13
09:17-----10:17	4.5E-02 18 263	1.0E-01 85	2.6E-02 994	3.3E-02 12
09:32-----10:32	3.9E-02 19 264	9.3E-02 82	2.6E-02 994	3.8E-02 13
09:47-----10:47	3.1E-02 20 262	9.2E-02 77	2.7E-02 994	4.4E-02 13
10:02-----11:02	2.5E-02 20 262	9.0E-02 73	2.7E-02 994	4.9E-02 13
10:17-----11:17	2.7E-02 21 263	8.0E-02 68	2.8E-02 994	5.7E-02 13
10:32-----11:32	2.2E-02 23 263	7.7E-02 63	2.9E-02 994	6.1E-02 12
10:47-----11:47	3.0E-02 24 263	7.4E-02 58	3.0E-02 994	6.6E-02 12

STATISTICS

NUMBER OF READINGS 533

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	3.39E-01	3.38E-02	3.71E-02	4.14E-03	6.27E+01
NO	2.26E-02	2.69E-01	5.72E-02	3.15E-02	5.13E-02	1.55E+00
OZONE	1.60E-02	3.74E-02	2.47E-02	3.59E-03	2.45E-02	1.15E+00
SOLAR RAD	1.00E-06	7.47E-02	1.16E-02	2.07E-02	1.91E-04	4.40E+01
TEMP	13	26	15	3		
HUMIDITY	50	137	112	22	109	1
BAROMETER	993	995	994	0	994	1
WIND SPEED	4	23	13	3	12	1

MAXIMUM
AVERAGE

NO2	5.77E-02
NO	1.00E-01
OZONE	2.98E-02
SOLAR RAD	6.60E-02
TEMP	24
HUMIDITY	134
BAROMETER	994
WIND SPEED	16
WIND DIRECTION	267

THUNDER BAY #9

DATE: AUG 4 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: C.N.R.A. REC. CENTRE (X3050-Y5830); 1.7KM @ 050 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
16:52-----17:52	1.8E-02 29 241	4.6E-02 39	3.8E-02 992	4.6E-03 13
17:07-----18:07	2.3E-02 29 244	4.6E-02 40	3.7E-02 992	4.5E-03 13
17:22-----18:22	2.2E-02 29 240	4.5E-02 40	3.7E-02 992	4.5E-03 13
17:37-----18:37	2.0E-02 29 241	5.2E-02 40	3.7E-02 992	4.4E-03 13
17:52-----18:52	2.1E-02 28 241	4.9E-02 40	3.8E-02 992	5.2E-03 13
18:07-----19:07	1.8E-02 28 239	4.4E-02 41	3.8E-02 992	9.5E-03 13
18:22-----19:22	1.5E-02 28 239	4.5E-02 41	3.8E-02 992	1.5E-02 13
18:37-----19:37	1.8E-02 28 239	4.3E-02 41	3.8E-02 992	1.9E-02 12
18:52-----19:52	1.8E-02 28 240	4.9E-02 42	3.8E-02 992	2.2E-02 12
19:07-----20:07	1.6E-02 28 240	5.4E-02 42	3.7E-02 992	2.1E-02 11
19:22-----20:22	1.5E-02 28 241	5.9E-02 43	3.6E-02 992	1.7E-02 10
19:37-----20:37	2.6E-02 27 239	6.3E-02 44	3.5E-02 991	1.2E-02 9

THUNDER BAY #9, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
19:52-----20:52	4.0E-02 27 234	6.5E-02 45	3.6E-02 991	7.7E-03 8
20:07-----21:07	4.0E-02 27 229	7.2E-02 47	3.8E-02 991	4.1E-03 7
20:22-----21:22	5.1E-02 26 223	7.9E-02 49	4.1E-02 991	2.1E-03 6
20:37-----21:37	4.2E-02 26 222	7.6E-02 50	4.4E-02 991	1.2E-03 6
20:52-----21:52	4.3E-02 25 223	8.4E-02 52	4.5E-02 992	7.1E-04 6
21:07-----22:07	5.3E-02 25 226	9.0E-02 52	4.5E-02 992	3.3E-04 6
21:22-----22:22	4.7E-02 25 228	8.6E-02 53	4.6E-02 992	1.1E-04 6
21:37-----22:37	5.0E-02 25 231	8.2E-02 53	4.6E-02 992	2.4E-05 6
21:52-----22:52	4.7E-02 24 234	7.4E-02 54	4.5E-02 992	4.8E-06 6
22:07-----23:07	3.8E-02 24 236	6.4E-02 55	4.6E-02 992	4.2E-06 7
22:22-----23:22	3.9E-02 24 236	6.3E-02 55	4.6E-02 992	5.4E-06 7
22:37-----23:37	4.1E-02 23 236	6.1E-02 56	4.7E-02 992	5.8E-06 7
22:52-----23:52	2.5E-02 23 235	6.1E-02 57	4.9E-02 992	6.1E-06 8
23:07-----00:07	2.8E-02 23 233	5.4E-02 58	5.1E-02 992	6.6E-06 9

THUNDER BAY #9, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
23:22-----00:22	2.0E-02 23 235	5.1E-02 59	5.3E-02 992	5.7E-06 10
23:37-----00:37	1.9E-02 22 238	4.8E-02 59	5.4E-02 992	6.6E-06 11
23:52-----00:52	2.2E-02 22 240	4.4E-02 58	5.4E-02 992	7.6E-06 12
00:07-----01:07	2.2E-02 22 241	4.4E-02 58	5.3E-02 992	7.0E-06 12
00:22-----01:22	2.9E-02 22 241	4.2E-02 57	5.0E-02 991	7.9E-06 13
00:37-----01:37	3.4E-02 22 239	4.3E-02 58	4.7E-02 991	6.5E-06 13
00:52-----01:52	3.8E-02 22 238	4.3E-02 59	4.4E-02 991	5.3E-06 12
01:07-----02:07	4.1E-02 22 240	4.5E-02 60	4.3E-02 991	5.8E-06 12
01:22-----02:22	3.9E-02 22 241	5.1E-02 61	4.2E-02 991	6.1E-06 11
01:37-----02:37	3.8E-02 22 243	5.5E-02 61	4.2E-02 991	6.5E-06 10
01:52-----02:52	3.5E-02 22 248	6.0E-02 60	4.1E-02 991	7.3E-06 9
02:07-----03:07	4.2E-02 22 251	6.1E-02 60	4.1E-02 991	7.3E-06 9
02:22-----03:22	4.7E-02 21 252	6.2E-02 61	4.1E-02 990	5.9E-06 9
02:37-----03:37	4.0E-02 21 253	6.9E-02 62	4.1E-02 990	5.3E-06 9

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
02:52-----03:52	4.1E-02 21 249	6.7E-02 63	4.2E-02 990	7.3E-06 9
03:07-----04:07	3.1E-02 21 245	6.5E-02 64	4.2E-02 990	8.1E-06 10
03:22-----04:22	3.1E-02 21 243	6.0E-02 64	4.1E-02 990	8.8E-06 10
03:37-----04:37	3.3E-02 21 242	4.8E-02 64	4.2E-02 990	9.7E-06 11
03:52-----04:52	2.9E-02 21 239	4.5E-02 64	4.3E-02 990	7.3E-06 11
04:07-----05:07	2.9E-02 21 238	4.7E-02 64	4.3E-02 990	6.0E-06 11
04:22-----05:22	2.5E-02 21 237	4.9E-02 64	4.5E-02 990	5.5E-06 12
04:37-----05:37	2.3E-02 16 240	4.7E-02 60	4.2E-02 987	5.2E-06 12
04:52-----05:52	1.8E-02 1 260	3.5E-02 45	3.0E-02 977	7.0E-06 10
05:07-----06:07	1.3E-02 -14 284	2.2E-02 29	1.9E-02 967	1.0E-05 10
05:22-----06:22	4.4E-03 -29 303	8.4E-03 12	7.9E-03 957	2.1E-05 11
05:37-----06:37	1.5E-06 -40 316	1.6E-06 0	1.5E-06 950	8.1E-05 12
05:52-----06:52	1.5E-06 -40 316	1.6E-06 0	1.5E-06 950	2.8E-04 12

STATISTICS

NUMBER OF READINGS 338

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	2.29E-01	2.82E-02	3.55E-02	1.59E-03	1.02E-02
NO	1.00E-06	1.64E-01	5.13E-02	3.11E-02	1.79E-02	2.58E-01
OZONE	1.00E-06	5.64E-02	3.86E-02	1.39E-02	1.50E-02	2.38E-01
SOLAR RAD	1.00E-06	2.50E-02	2.89E-03	6.08E-03	5.88E-05	3.41E-01
TEMP	-40	30	18	19		
HUMIDITY	0	69	48	18	16	34
BAROMETER	950	992	987	12	987	1
WIND SPEED	3	19	10	3	10	

MAXIMUM
AVERAGE

NO2	5.27E-02
NO	8.99E-02
OZONE	5.42E-02
SOLAR RAD	2.20E-02
TEMP	29
HUMIDITY	64
BAROMETER	992
WIND SPEED	13
WIND DIRECTION	316

THUNDER BAY #10

DATE: AUG 5 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: D.N.D. RIFLE RANGE (X3035-Y5730); 1.1KM & 090 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
15:52-----16:52	8.9E-03 30 249	2.5E-02 37	4.4E-02 991	5.4E-02 5
16:07-----17:07	1.2E-02 30 254	2.9E-02 35	4.4E-02 991	5.2E-02 5
16:22-----17:22	1.4E-02 31 256	4.2E-02 33	4.4E-02 992	5.6E-02 4
16:37-----17:37	2.4E-02 31 253	5.2E-02 30	4.4E-02 992	5.4E-02 3
16:52-----17:52	2.2E-02 31 248	5.6E-02 29	4.5E-02 992	5.1E-02 4
17:07-----18:07	2.6E-02 31 232	6.1E-02 28	4.5E-02 992	4.8E-02 3
17:22-----18:22	2.5E-02 30 224	4.8E-02 28	4.5E-02 992	4.5E-02 3
17:37-----18:37	1.5E-02 30 237	4.4E-02 28	4.5E-02 992	4.2E-02 2
17:52-----18:52	1.4E-02 30 245	4.3E-02 28	4.4E-02 992	3.8E-02 1
18:07-----19:07	7.2E-03 30 260	3.7E-02 28	4.5E-02 993	3.5E-02 2
18:22-----19:22	7.0E-03 29 2	3.2E-02 30	4.4E-02 993	3.2E-02 1
18:37-----19:37	9.7E-03 27 56	3.3E-02 36	4.1E-02 993	2.7E-02 3

THUNDER BAY #10, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
18:52-----19:52	1.0E-02 26 60	3.3E-02 43	3.7E-02 993	2.0E-02 8
19:07-----20:07	1.2E-02 24 62	3.3E-02 52	3.0E-02 994	1.3E-02 12
19:22-----20:22	1.1E-02 22 62	3.3E-02 59	2.6E-02 994	6.9E-03 14
19:37-----20:37	8.2E-03 21 62	2.8E-02 63	2.3E-02 994	3.2E-03 15
19:52-----20:52	9.2E-03 20 65	2.6E-02 67	2.3E-02 994	2.8E-03 15
20:07-----21:07	7.6E-03 19 68	3.0E-02 71	2.3E-02 995	2.3E-03 15
20:22-----21:22	9.3E-03 19 71	3.3E-02 75	2.3E-02 995	1.8E-03 16
20:37-----21:37	1.2E-02 18 73	3.5E-02 78	2.3E-02 995	1.2E-03 17
20:52-----21:52	1.2E-02 17 75	3.8E-02 81	2.3E-02 996	7.0E-04 17
21:07-----22:07	1.4E-02 17 77	3.7E-02 80	2.4E-02 996	3.2E-04 16

STATISTICS

NUMBER OF READINGS 150

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.33E-01	1.28E-02	2.02E-02	9.14E-04	6.48E+01
NO	9.81E-03	1.83E-01	3.68E-02	2.37E-02	3.20E-02	1.66E+00
OZONE	2.14E-02	5.02E-02	3.55E-02	1.03E-02	3.39E-02	1.37E+00
SOLAR RAD	1.19E-05	6.68E-02	2.65E-02	2.29E-02	8.36E-03	9.56E+00
TEMP	17	33	25	6		
HUMIDITY	25	83	48	21	44	2
BAROMETER	991	997	993	2	993	1
WIND SPEED	1	21	9	6	7	2

MAXIMUM
AVERAGE

NO2	2.63E-02
NO	6.10E-02
OZONE	4.50E-02
SOLAR RAD	5.56E-02
TEMP	31
HUMIDITY	81
BAROMETER	996
WIND SPEED	17
WIND DIRECTION	260

THUNDER BAY #11

DATE: AUG 5 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: BROADWAY AVE & VICTOR AVE (X2710-Y5810); 2.2KM & 290 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
22:45-----23:45	3.1E-02 15 36	4.8E-02 88	1.4E-02 996	1.4E-06 1
22:50-----23:50	3.1E-02 14 33	5.1E-02 89	1.3E-02 997	1.6E-06 1
22:55-----23:55	3.0E-02 14 32	5.0E-02 90	1.3E-02 997	2.2E-06 1
23:00-----00:00	3.3E-02 14 31	4.7E-02 91	1.2E-02 997	3.3E-06 1
23:05-----00:05	3.3E-02 14 30	4.6E-02 91	1.2E-02 997	4.3E-06 1
23:10-----00:10	3.1E-02 14 28	4.5E-02 91	1.2E-02 997	5.0E-06 1
23:15-----00:15	2.9E-02 14 30	4.5E-02 91	1.2E-02 997	5.4E-06 1
23:20-----00:20	2.8E-02 14 29	4.1E-02 91	1.3E-02 997	5.4E-06 1
23:25-----00:25	2.6E-02 14 29	4.1E-02 91	1.3E-02 997	5.4E-06 1
23:30-----00:30	2.5E-02 14 29	3.6E-02 91	1.4E-02 997	5.7E-06 1

STATISTICS

NUMBER OF READINGS 43

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	7.66E-02	2.75E-02	1.69E-02	1.47E-02	9.58E+00
NO	1.09E-02	1.25E-01	3.75E-02	3.12E-02	2.87E-02	2.01E+00
OZONE	5.84E-03	2.24E-02	1.48E-02	5.13E-03	1.38E-02	1.47E+00
SOLAR RAD	1.00E-06	1.66E-05	3.64E-06	4.24E-06	2.09E-06	2.72E+00
TEMP	13	16	14	1		
HUMIDITY	78	98	88	5	88	1
BAROMETER	996	997	997	0	997	1
WIND SPEED	0	4	1	1	0	9

MAXIMUM
AVERAGE

NO2	3.29E-02
NO	5.08E-02
OZONE	1.41E-02
SOLAR RAD	5.66E-06
TEMP	15
HUMIDITY	91
BAROMETER	997
WIND SPEED	1
WIND DIRECTION	36

THUNDER BAY #12

DATE: AUG 6 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: VICKER'S HTS CEMETERY (X2810-Y5800); 1.2KM & 300 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
00:42-----01:42	3.2E-02 13 357	7.5E-02 104	8.3E-03 997	8.8E-06 0
00:57-----01:57	4.2E-02 12 319	5.2E-02 114	8.7E-03 997	1.0E-05 0
01:12-----02:12	3.3E-02 12 277	4.0E-02 128	8.1E-03 998	7.5E-06 0
01:27-----02:27	3.1E-02 11 193	3.2E-02 144	6.1E-03 998	1.0E-05 0
01:42-----02:42	2.8E-02 11 191	2.7E-02 160	4.5E-03 998	1.2E-05 0
01:57-----02:57	1.9E-02 10 191	2.2E-02 172	3.0E-03 998	1.4E-05 0
02:12-----03:12	1.7E-02 10 198	2.1E-02 180	2.2E-03 998	1.5E-05 0
02:27-----03:27	1.7E-02 10 199	2.1E-02 185	1.7E-03 998	1.6E-05 0
02:42-----03:42	1.6E-02 10 191	1.7E-02 187	1.7E-03 998	1.5E-05 0
02:57-----03:57	1.5E-02 9 191	2.2E-02 189	2.1E-03 998	1.6E-05 0
03:12-----04:12	1.4E-02 9 191	2.1E-02 190	2.3E-03 998	1.7E-05 0
03:27-----04:27	1.3E-02 9 191	2.2E-02 192	2.5E-03 998	1.7E-05 0

THUNDER BAY #12, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
03:42-----04:42	1.2E-02 9 197	2.3E-02 194	2.8E-03 998	1.9E-05 0
03:57-----04:57	1.1E-02 9 198	1.8E-02 197	2.8E-03 998	1.8E-05 0
04:12-----05:12	1.0E-02 8 202	1.9E-02 199	3.1E-03 998	1.8E-05 0
04:27-----05:27	1.1E-02 8 204	2.2E-02 201	3.3E-03 998	1.8E-05 0
04:42-----05:42	1.0E-02 8 205	2.2E-02 203	3.3E-03 998	1.9E-05 0
04:57-----05:57	9.3E-03 8 205	2.2E-02 205	3.4E-03 999	1.9E-05 0
05:12-----06:12	9.0E-03 8 198	2.2E-02 206	3.3E-03 999	2.1E-05 0
05:27-----06:27	6.7E-03 8 197	1.8E-02 208	3.3E-03 999	3.7E-05 0
05:42-----06:42	6.9E-03 8 195	1.7E-02 209	3.8E-03 999	1.2E-04 0
05:57-----06:57	6.5E-03 8 195	1.7E-02 209	3.9E-03 999	3.2E-04 0
06:12-----07:12	6.6E-03 8 196	1.7E-02 209	4.0E-03 999	6.8E-04 0
06:27-----07:27	5.6E-03 8 196	1.8E-02 208	4.1E-03 999	1.4E-03 0
06:42-----07:42	5.4E-03 8 204	1.9E-02 205	3.9E-03 999	2.5E-03 0
06:57-----07:57	5.5E-03 8 203	2.0E-02 198	4.1E-03 999	3.2E-03 0

THUNDER BAY #12, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
07:12----08:12	4.9E-03 9 202	2.1E-02 188	4.6E-03 999	3.8E-03 0
07:27----08:27	7.1E-03 10 207	2.2E-02 176	5.5E-03 1000	4.1E-03 0
07:42----08:42	6.3E-03 10 208	2.3E-02 166	6.2E-03 1000	4.2E-03 1

STATISTICS

NUMBER OF READINGS 194

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.70E-01	1.46E-02	1.97E-02	5.02E-03	1.48E-01
NO	1.22E-02	3.69E-01	2.77E-02	3.19E-02	2.24E-02	1.71E+00
OZONE	9.09E-04	1.32E-02	4.35E-03	2.35E-03	3.80E-03	1.70E-00
SOLAR RAD	1.00E-06	5.29E-03	9.04E-04	1.67E-03	5.79E-05	1.26E-01
TEMP	7	13	9	2		
HUMIDITY	98	213	178	34	174	1
BAROMETER	997	1000	998	1	998	
WIND SPEED	0	2	0	0	0	

MAXIMUM
AVERAGE

NO2	4.24E-02
NO	7.45E-02
OZONE	8.74E-03
SOLAR RAD	4.18E-03
TEMP	13
HUMIDITY	209
BAROMETER	1000
WIND SPEED	1
WIND DIRECTION	357

THUNDER BAY #14

DATE: AUG 6 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: PLANT RD. (X2860-Y5760): 0.6KM @ 290 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
21:03-----22:03	1.7E-02 15 74	2.1E-02 104	1.7E-02 997	5.1E-04 1
21:18-----22:18	1.6E-02 15 72	2.2E-02 116	1.5E-02 997	1.2E-04 0
21:33-----22:33	1.7E-02 14 67	2.5E-02 126	1.3E-02 997	1.7E-05 0
21:48-----22:48	1.8E-02 14 60	3.0E-02 131	1.2E-02 997	5.0E-06 0
22:03-----23:03	1.9E-02 14 55	4.1E-02 131	9.5E-03 997	8.6E-06 0
22:18-----23:18	2.8E-02 14 27	5.5E-02 129	6.7E-03 997	9.4E-06 0
22:33-----23:33	3.2E-02 14 17	7.4E-02 128	4.3E-03 997	7.9E-06 0
22:48-----23:48	3.7E-02 13 274	8.0E-02 131	1.6E-03 997	6.4E-06 0
23:03-----00:03	3.9E-02 13 251	7.7E-02 138	3.1E-04 997	3.3E-06 0
23:18-----00:18	3.4E-02 12 234	7.8E-02 152	2.1E-04 997	5.1E-06 0
23:33-----00:33	3.0E-02 12 224	7.0E-02 167	2.6E-04 997	8.0E-06 1
23:48-----00:48	2.7E-02 11 228	6.2E-02 179	5.0E-04 996	9.5E-06 1

THUNDER BAY #14; CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
00:03-----01:03	3.1E-02 11 235	6.8E-02 189	5.3E-04 996	1.2E-05 1
00:18-----01:18	3.3E-02 11 239	6.2E-02 190	6.0E-04 996	1.1E-05 1
00:33-----01:33	3.2E-02 11 255	5.3E-02 187	5.9E-04 996	9.9E-06 1
00:48-----01:48	3.2E-02 11 234	6.0E-02 191	3.7E-04 996	1.3E-05 0
01:03-----02:03	2.3E-02 10 214	5.2E-02 195	4.8E-04 996	1.4E-05 1
01:18-----02:18	2.1E-02 10 212	4.7E-02 198	9.3E-04 996	1.7E-05 1
01:33-----02:33	2.2E-02 10 208	4.5E-02 200	1.8E-03 996	1.9E-05 2
01:48-----02:48	2.4E-02 10 208	5.8E-02 198	2.0E-03 996	1.7E-05 2
02:03-----03:03	2.6E-02 10 216	5.5E-02 193	2.0E-03 996	1.8E-05 1
02:18-----03:18	2.7E-02 10 223	5.9E-02 190	1.5E-03 996	1.4E-05 1
02:33-----03:33	2.7E-02 10 268	6.1E-02 188	5.4E-04 996	1.4E-05 0
02:48-----03:48	2.6E-02 10 268	4.7E-02 190	3.5E-04 996	1.7E-05 0
03:03-----04:03	2.8E-02 10 229	5.2E-02 194	1.8E-04 995	1.8E-05 0
03:18-----04:18	2.4E-02 10 230	4.3E-02 197	1.8E-04 995	2.0E-05 0

THUNDER BAY #14, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
03:33-----04:33	2.2E-02 10 230	4.2E-02 201	1.7E-04 995	2.1E-05 0
03:48-----04:48	2.2E-02 10 226	3.7E-02 201	1.5E-04 995	2.0E-05 0
04:03-----05:03	2.0E-02 9 210	3.6E-02 203	1.6E-04 995	2.0E-05 1
04:18-----05:18	2.1E-02 9 209	3.8E-02 206	1.9E-04 995	2.0E-05 1
04:33-----05:33	2.3E-02 9 209	3.9E-02 207	2.7E-04 995	2.0E-05 1
04:48-----05:48	1.9E-02 9 209	4.4E-02 207	3.4E-04 995	2.0E-05 1
05:03-----06:03	1.6E-02 9 255	3.6E-02 204	3.9E-04 995	2.0E-05 0
05:18-----06:18	1.5E-02 9 263	3.7E-02 202	3.6E-04 995	2.2E-05 0
05:33-----06:33	1.2E-02 9 241	4.5E-02 204	2.8E-04 995	3.8E-05 1
05:48-----06:48	1.4E-02 9 224	4.7E-02 206	2.5E-04 995	1.2E-04 1
06:03-----07:03	1.4E-02 9 213	5.3E-02 209	3.0E-04 995	4.8E-04 2
06:18-----07:18	1.2E-02 9 209	7.2E-02 210	3.8E-04 995	1.3E-03 2
06:33-----07:33	2.4E-02 9 209	9.2E-02 205	4.6E-04 995	2.4E-03 2
06:48-----07:48	2.3E-02 9 213	9.3E-02 199	6.0E-04 995	3.8E-03 1

THUNDER BAY #14, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
07:03-----08:03	2.7E-02 10 217	9.6E-02 191	6.8E-04 995	5.4E-03 1
07:18-----08:18	2.7E-02 10 229	8.6E-02 186	9.1E-04 995	6.7E-03 1
07:33-----08:33	1.5E-02 10 228	5.8E-02 184	1.4E-03 995	8.1E-03 1
07:48-----08:48	1.7E-02 11 223	5.1E-02 180	2.1E-03 995	1.1E-02 1
08:03-----09:03	1.8E-02 11 232	4.5E-02 174	3.8E-03 995	1.3E-02 1

STATISTICS

NUMBER OF READINGS 289

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.41E-01	2.32E-02	2.03E-02	7.65E-03	2.04E+01
NO	1.01E-02	3.24E-01	5.27E-02	3.96E-02	4.33E-02	1.84E+00
OZONE	6.11E-05	2.05E-02	2.94E-03	5.14E-03	7.47E-04	5.01E+00
SOLAR RAD	1.00E-06	3.26E-02	1.70E-03	4.40E-03	4.58E-05	1.65E+01
TEMP	9	17	11	2		
HUMIDITY	82	215	177	34	173	
BAROMETER	994	998	996	1	996	
WIND SPEED	0	4	1	1	0	13

MAXIMUM AVERAGE

NO2	3.92E-02
NO	9.56E-02
OZONE	1.67E-02
SOLAR RAD	1.26E-02
TEMP	15
HUMIDITY	210
BAROMETER	997
WIND SPEED	2
WIND DIRECTION	274

THUNDER BAY #15

DATE: AUG 7 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: DOW GATE (X2900-Y5910): 1.8KM & 355 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
15:35-----16:35	5.8E-02 28 218	2.1E-02 66	7.4E-02 988	5.1E-02 18
15:40-----16:40	5.8E-02 28 220	2.1E-02 65	7.5E-02 988	5.1E-02 19
15:45-----16:45	5.6E-02 28 223	2.2E-02 65	7.5E-02 988	5.0E-02 19
15:50-----16:50	5.4E-02 28 227	2.2E-02 65	7.4E-02 988	4.8E-02 20
15:55-----16:55	5.5E-02 28 231	2.1E-02 65	7.4E-02 988	4.7E-02 20
16:00-----17:00	5.7E-02 28 233	1.9E-02 64	7.4E-02 988	4.7E-02 21
16:05-----17:05	5.6E-02 28 235	1.6E-02 64	7.4E-02 988	4.6E-02 21
16:10-----17:10	5.5E-02 28 237	1.6E-02 64	7.4E-02 988	4.5E-02 22
16:15-----17:15	5.6E-02 28 234	1.6E-02 64	7.3E-02 988	4.4E-02 22
16:20-----17:20	5.5E-02 28 234	1.6E-02 64	7.2E-02 988	4.4E-02 22
16:25-----17:25	5.4E-02 28 232	1.7E-02 63	7.3E-02 988	4.3E-02 22
16:30-----17:30	5.3E-02 28 229	1.9E-02 63	7.2E-02 988	4.2E-02 22

THUNDER BAY #15, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
16:35-----17:35	5.4E-02 28 224	2.0E-02 64	7.2E-02 988	4.2E-02 22
16:40-----17:40	5.3E-02 28 221	2.0E-02 63	7.3E-02 988	4.1E-02 22

STATISTICS

NUMBER OF READINGS 125

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.49E-01	5.55E-02	2.96E-02	3.32E-02	9.00E-03
NO	7.25E-03	9.35E-02	2.02E-02	1.46E-02	1.73E-02	1.65E-03
OZONE	5.97E-02	8.90E-02	7.38E-02	6.85E-03	7.35E-02	1.10E+00
SOLAR RAD	7.31E-03	6.16E-02	4.61E-02	7.07E-03	4.54E-02	1.23E+00
TEMP	23	29	28	1		
HUMIDITY	61	69	64	2	64	1
BAROMETER	987	989	988	0	988	1
WIND SPEED	6	37	22	7	21	

MAXIMUM
AVERAGE

NO2	5.79E-02
NO	2.20E-02
OZONE	7.46E-02
SOLAR RAD	5.11E-02
TEMP	28
HUMIDITY	66
BAROMETER	988
WIND SPEED	22
WIND DIRECTION	237

THUNDER BAY #16

DATE: AUG 7 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: PLANT SIGN (X2910-Y5810); 0.8KM & 000 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
18:01-----19:01	5.0E-02 28 186	1.8E-02 57	8.2E-02 987	3.3E-02 16
18:11-----19:11	5.7E-02 28 186	2.0E-02 57	8.0E-02 987	3.1E-02 16
18:21-----19:21	5.8E-02 28 186	2.3E-02 57	8.0E-02 987	2.9E-02 15
18:31-----19:31	6.1E-02 28 190	2.8E-02 57	7.6E-02 986	2.7E-02 14
18:41-----19:41	6.5E-02 28 195	3.2E-02 57	7.4E-02 986	2.6E-02 13
18:51-----19:51	7.2E-02 28 197	3.6E-02 57	7.1E-02 986	2.3E-02 12
19:01-----20:01	7.5E-02 28 197	3.9E-02 58	7.1E-02 986	2.0E-02 11
19:11-----20:11	6.7E-02 28 196	4.2E-02 59	7.1E-02 986	1.9E-02 11
19:21-----20:21	6.5E-02 28 195	4.5E-02 60	6.9E-02 986	1.7E-02 11
19:31-----20:31	6.2E-02 27 189	4.6E-02 61	7.1E-02 986	1.5E-02 10

STATISTICS

NUMBER OF READINGS 157

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.09E-02	1.87E-01	5.96E-02	2.88E-02	5.31E-02	1.64E+00
NO	9.49E-03	6.55E-02	3.36E-02	1.52E-02	2.97E-02	1.69E+00
OZONE	3.86E-02	9.92E-02	7.47E-02	1.11E-02	7.38E-02	1.17E+00
SOLAR RAD	5.36E-03	3.53E-02	2.28E-02	9.60E-03	2.03E-02	1.69E+00
TEMP	27	29	28	1		
HUMIDITY	54	67	59	3	59	
BAROMETER	986	987	986	0	986	1
WIND SPEED	2	37	13	6	12	

MAXIMUM
AVERAGE

NO2	7.45E-02
NO	4.64E-02
OZONE	8.16E-02
SOLAR RAD	3.30E-02
TEMP	28
HUMIDITY	61
BAROMETER	987
WIND SPEED	16
WIND DIRECTION	197

THUNDER BAY #17

DATE: AUG 10 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: ROAD AT AIR MET. OFFICE (X2875-Y5980); 2.5KM & 345 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
14:42-----15:42	1.7E-02 26 160	2.7E-02 52	3.9E-02 993	5.3E-02 15
14:52-----15:52	1.6E-02 26 164	2.5E-02 53	4.0E-02 993	5.1E-02 15
15:02-----16:02	1.5E-02 25 164	2.2E-02 54	4.1E-02 993	4.9E-02 15
15:12-----16:12	1.4E-02 25 164	1.8E-02 54	4.2E-02 993	4.8E-02 14
15:22-----16:22	1.3E-02 25 162	1.3E-02 54	4.2E-02 993	5.3E-02 15
15:32-----16:32	1.1E-02 25 164	9.9E-03 55	4.3E-02 993	6.1E-02 15
15:42-----16:42	1.2E-02 25 162	1.0E-02 55	4.2E-02 992	6.1E-02 15

STATISTICS

NUMBER OF READINGS 49

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	2.59E-03	3.13E-02	1.43E-02	7.15E-03	1.26E-02	1.69E-02
NO	5.71E-03	3.97E-02	1.86E-02	1.12E-02	1.54E-02	1.87E-02
OZONE	3.29E-02	4.65E-02	4.04E-02	3.56E-03	4.03E-02	1.09E+00
SOLAR RAD	7.92E-03	7.48E-02	5.69E-02	1.80E-02	5.11E-02	1.78E+00
TEMP	24	27	25	1		
HUMIDITY	50	57	54	2	54	
BAROMETER	992	993	993	0	993	1
WIND SPEED	10	21	15	2	15	

MAXIMUM
AVERAGE

NO2	1.67E-02
NO	2.75E-02
OZONE	4.29E-02
SOLAR RAD	6.07E-02
TEMP	26
HUMIDITY	55
BAROMETER	993
WIND SPEED	15
WIND DIRECTION	164

THUNDER BAY #18

DATE: AUG 10 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: PLANT SIGN (X2910-Y5810): 0.7KM @ 355 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
17:34-----18:34	7.7E-03 25 184	2.3E-02 49	4.3E-02 991	5.1E-02 21
17:49-----18:49	1.5E-02 25 184	2.1E-02 49	4.3E-02 991	4.8E-02 21
18:04-----19:04	1.6E-02 25 183	1.7E-02 49	4.2E-02 991	4.4E-02 20
18:19-----19:19	1.7E-02 25 185	1.4E-02 49	4.3E-02 991	4.0E-02 17
18:34-----19:34	1.8E-02 25 186	1.3E-02 49	4.4E-02 991	3.6E-02 14
18:49-----19:49	1.2E-02 25 187	1.0E-02 49	4.5E-02 990	3.2E-02 13
19:04-----20:04	1.5E-02 25 189	8.5E-03 50	4.4E-02 990	2.8E-02 11
19:19-----20:19	1.6E-02 24 189	8.2E-03 50	4.4E-02 990	2.3E-02 11
19:34-----20:34	1.9E-02 24 190	8.5E-03 51	4.2E-02 990	1.9E-02 10
19:49-----20:49	1.9E-02 23 190	8.3E-03 52	4.1E-02 990	1.4E-02 10
20:04-----21:04	1.6E-02 23 187	7.8E-03 54	4.0E-02 990	9.7E-03 10
20:19-----21:19	1.6E-02 22 185	7.2E-03 56	4.0E-02 990	5.7E-03 11

THUNDER BAY #18; CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
20:34----21:34	1.1E-02 21 183	6.2E-03 59	4.1E-02 990	2.6E-03 13

STATISTICS

NUMBER OF READINGS 246

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	4.25E-01	1.35E-02	2.84E-02	7.87E-03	4.54E-02
NO	3.62E-03	1.15E-01	1.25E-02	1.14E-02	1.00E-02	1.82E-02
OZONE	2.91E-02	5.26E-02	4.24E-02	3.83E-03	4.22E-02	1.10E+00
SOLAR RAD	1.94E-05	5.89E-02	2.66E-02	1.90E-02	1.21E-02	6.73E+00
TEMP	20	26	24	2		
HUMIDITY	46	66	52	5	52	
BAROMETER	990	991	990	0	990	1
WIND SPEED	3	28	15	6	14	

MAXIMUM
AVERAGE

NO2	1.91E-02
NO	2.28E-02
OZONE	4.48E-02
SOLAR RAD	5.14E-02
TEMP	25
HUMIDITY	59
BAROMETER	991
WIND SPEED	21
WIND DIRECTION	190

THUNDER BAY #19

DATE: AUG 10 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: CAN-CAR (X2960-Y5840); 1.1KM & 025 DGS/SRC

TIME	N02 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
22:33-----23:33	2.5E-02 15 57	2.1E-02 158	2.5E-02 990	1.4E-05 3
22:48-----23:48	1.7E-02 15 58	2.1E-02 173	2.8E-02 990	2.1E-05 4
23:03-----00:03	1.5E-02 14 54	2.0E-02 179	2.8E-02 990	2.6E-05 3
23:18-----00:18	1.9E-02 14 58	2.7E-02 183	2.8E-02 990	2.2E-05 3
23:33-----00:33	1.5E-02 14 56	3.6E-02 183	2.6E-02 990	2.0E-05 2
23:48-----00:48	1.6E-02 14 193	4.0E-02 181	2.7E-02 990	2.3E-05 1
00:03-----01:03	1.7E-02 15 217	3.7E-02 177	3.0E-02 990	2.8E-05 3
00:18-----01:18	1.9E-02 15 225	2.8E-02 171	3.3E-02 990	3.0E-05 4
00:33-----01:33	2.7E-02 16 229	2.0E-02 168	3.1E-02 990	2.6E-05 4
00:48-----01:48	3.3E-02 16 242	1.7E-02 167	2.4E-02 990	1.7E-05 2
01:03-----02:03	4.0E-02 15 356	2.0E-02 167	1.5E-02 990	1.5E-05 1
01:18-----02:18	4.7E-02 15 29	2.4E-02 168	8.6E-03 990	1.9E-05 1

THUNDER BAY #19, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
01:33-----02:33	4.5E-02 15 28	3.1E-02 167	5.8E-03 990	2.3E-05 1
01:48-----02:48	4.4E-02 15 14	3.2E-02 166	4.2E-03 991	2.4E-05 1
02:03-----03:03	4.4E-02 15 331	3.2E-02 166	2.7E-03 990	2.1E-05 1
02:18-----03:18	3.7E-02 15 322	3.5E-02 167	9.5E-04 990	1.6E-05 1
02:33-----03:33	3.7E-02 15 317	3.7E-02 170	9.2E-04 990	1.2E-05 1
02:48-----03:48	3.3E-02 15 319	5.0E-02 171	7.5E-04 990	1.5E-05 1
03:03-----04:03	3.7E-02 15 333	5.6E-02 173	5.7E-04 990	1.4E-05 1
03:18-----04:18	3.5E-02 15 56	6.1E-02 178	4.2E-04 990	1.7E-05 1
03:33-----04:33	3.9E-02 15 63	5.7E-02 185	4.0E-04 990	2.0E-05 2
03:48-----04:48	4.3E-02 15 63	4.3E-02 193	8.7E-04 990	1.9E-05 3
04:03-----05:03	3.8E-02 15 64	4.2E-02 200	3.3E-03 989	2.0E-05 3
04:18-----05:18	3.9E-02 15 50	3.2E-02 199	4.2E-03 989	1.7E-05 2
04:33-----05:33	3.1E-02 15 45	3.4E-02 193	4.1E-03 989	1.6E-05 1
04:48-----05:48	2.7E-02 15 351	3.4E-02 187	3.7E-03 989	1.8E-05 1

THUNDER BAY #19, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
05:03-----06:03	2.5E-02 15 311	2.7E-02 180	1.9E-03 989	1.9E-05 1
05:18-----06:18	2.4E-02 15 302	2.4E-02 176	1.4E-03 989	2.2E-05 1
05:33-----06:33	2.7E-02 15 307	1.8E-02 177	1.7E-03 989	4.7E-05 2
05:48-----06:48	2.9E-02 15 308	3.4E-02 177	1.9E-03 989	3.3E-04 2
06:03-----07:03	3.1E-02 15 314	5.0E-02 175	1.4E-03 989	7.3E-04 1
06:18-----07:18	3.2E-02 15 316	9.8E-02 175	9.9E-04 989	1.4E-03 1
06:33-----07:33	3.6E-02 15 344	1.1E-01 173	7.6E-04 989	2.4E-03 0
06:48-----07:48	3.4E-02 15 349	1.2E-01 172	6.7E-04 989	3.9E-03 0
07:03-----08:03	3.2E-02 16 352	1.4E-01 171	8.1E-04 989	5.9E-03 0
07:18-----08:18	3.7E-02 16 350	1.1E-01 166	1.1E-03 989	7.7E-03 1
07:33-----08:33	3.5E-02 16 12	1.1E-01 172	1.2E-03 989	8.4E-03 1
07:48-----08:48	4.1E-02 16 25	1.1E-01 184	1.1E-03 989	7.1E-03 1
08:03-----09:03	5.0E-02 16 40	8.9E-02 202	8.7E-04 989	4.8E-03 1

STATISTICS

NUMBER OF READINGS 255

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.33E-01	3.29E-02	2.45E-02	1.12E-02	2.18E-01
NO	7.55E-03	4.27E-01	5.11E-02	5.32E-02	3.47E-02	2.34E-00
OZONE	1.04E-04	5.14E-02	9.14E-03	1.27E-02	2.36E-03	6.20E-00
SOLAR RAD	1.00E-06	1.19E-02	1.11E-03	2.60E-03	5.55E-05	1.23E+01
TEMP	14	17	15	1		
HUMIDITY	113	243	178	20	177	
BAROMETER	989	991	990	0	990	
WIND SPEED	0	14	2	2	0	16

MAXIMUM
AVERAGE

NO2	4.98E-02
NO	1.41E-01
OZONE	3.28E-02
SOLAR RAD	8.39E-03
TEMP	16
HUMIDITY	202
BAROMETER	991
WIND SPEED	4
WIND DIRECTION	356

THUNDER BAY #20

DATE: AUG 11 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: NEEBING & MONTREAL STS (X2920-Y5830); 1.0KM & 005 DGS/SRC

TIME	TEMP	BAROMETER	WIND SPEED	WIND DIRECTION
12:24----13:24	27	988	20	214
12:39----13:39	27	988	19	216
12:54----13:54	27	988	18	217
13:09----14:09	28	988	18	220
13:24----14:24	28	988	18	220
13:39----14:39	28	988	19	218
13:54----14:54	28	988	20	215
14:09----15:09	28	988	21	214
14:24----15:24	28	988	21	215
14:39----15:39	28	987	20	217
14:54----15:54	29	987	19	219
15:09----16:09	29	987	19	220
15:24----16:24	29	987	17	213
15:39----16:39	29	987	16	205
15:54----16:54	29	987	15	200
16:09----17:09	29	987	15	197
16:24----17:24	29	987	15	204

STATISTICS

NUMBER OF READINGS 121

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV
TEMP	26	32	28	1		
BAROMETER	986	989	987	1	987	1
WIND SPEED	11	28	19	4	18	1

MAXIMUM
AVERAGE

TEMP	29
BAROMETER	988
WIND SPEED	21
WIND DIRECTION	220

THUNDER BAY #20

DATE: AUG 11 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: NEEBING & MONTREAL STS (X2920-Y5830); 1.0KM & 005 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
12:24-----13:24	6.6E-02 27 214	1.3E-02 73	6.3E-02 988	6.6E-02 20
12:39-----13:39	4.2E-02 27 216	1.3E-02 71	6.2E-02 988	6.6E-02 19
12:54-----13:54	3.7E-02 27 217	1.3E-02 70	6.2E-02 988	5.7E-02 18
13:09-----14:09	3.6E-02 28 220	1.3E-02 68	6.0E-02 988	4.8E-02 18
13:24-----14:24	3.6E-02 28 220	1.3E-02 67	5.8E-02 988	4.9E-02 18
13:39-----14:39	3.1E-02 28 218	1.2E-02 68	5.7E-02 988	5.2E-02 19
13:54-----14:54	3.0E-02 28 215	1.2E-02 68	5.4E-02 988	6.3E-02 20
14:09-----15:09	2.8E-02 28 214	1.2E-02 68	5.2E-02 988	7.3E-02 21
14:24-----15:24	2.3E-02 28 215	2.1E-02 67	5.1E-02 988	7.4E-02 21
14:39-----15:39	2.1E-02 28 217	2.1E-02 65	5.0E-02 987	7.3E-02 20
14:54-----15:54	2.0E-02 29 219	2.1E-02 64	5.0E-02 987	7.2E-02 19
15:09-----16:09	2.2E-02 29 220	2.2E-02 62	4.9E-02 987	7.1E-02 19

THUNDER BAY #20, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
15:24----16:24	2.2E-02 29 213	1.3E-02 63	4.9E-02 987	6.9E-02 17
15:39----16:39	2.5E-02 29 205	1.3E-02 63	5.0E-02 987	6.7E-02 16
15:54----16:54	2.9E-02 29 200	1.3E-02 64	5.0E-02 987	6.5E-02 15
16:09----17:09	2.9E-02 29 197	1.1E-02 64	5.2E-02 987	6.4E-02 15
16:24----17:24	2.9E-02 29 204	1.1E-02 62	5.3E-02 987	6.3E-02 15

STATISTICS

NUMBER OF READINGS 121

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV
NO2	1.00E-06	4.13E-01	3.51E-02	4.23E-02	2.42E-02	4.16E+0
NO	1.00E-06	1.20E-01	1.42E-02	1.24E-02	1.16E-02	2.61E+0
OZONE	4.24E-02	6.86E-02	5.46E-02	6.12E-03	5.43E-02	1.12E+0
SOLAR RAD	9.46E-03	7.51E-02	6.42E-02	1.33E-02	6.13E-02	1.45E+0
TEMP	26	32	28	1		
HUMIDITY	52	76	66	5	66	1
BAROMETER	986	989	987	1	987	1
WIND SPEED	11	28	19	4	18	1

MAXIMUM
AVERAGE

NO2	6.58E-02
NO	2.23E-02
OZONE	6.27E-02
SOLAR RAD	7.38E-02
TEMP	29
HUMIDITY	73
BAROMETER	988
WIND SPEED	21
WIND DIRECTION	220

THUNDER BAY #21

DATE: AUG 11 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: C.N.R.A. REC. CENTRE (X3050-Y5830): 1.7KM @ 050 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
17:58----18:58	1.8E-02 30 217	2.3E-02 60	5.4E-02 987	4.0E-02 6
18:13----19:13	1.7E-02 29 221	2.1E-02 62	5.4E-02 987	3.6E-02 6
18:28----19:28	2.0E-02 29 221	1.9E-02 65	5.4E-02 987	2.8E-02 6
18:43----19:43	1.9E-02 28 222	1.8E-02 71	5.3E-02 987	2.1E-02 6
18:58----19:58	1.7E-02 27 223	1.8E-02 78	5.1E-02 987	1.3E-02 4
19:13----20:13	2.1E-02 25 223	1.7E-02 86	4.9E-02 987	6.9E-03 3
19:28----20:28	1.9E-02 25 225	1.6E-02 94	4.7E-02 987	5.6E-03 2
19:43----20:43	2.3E-02 24 222	1.7E-02 102	4.2E-02 987	4.5E-03 1
19:58----20:58	2.2E-02 23 84	1.6E-02 113	4.1E-02 987	3.6E-03 0
20:13----21:13	2.0E-02 21 61	1.9E-02 125	3.9E-02 987	2.7E-03 1
20:28----21:28	2.0E-02 20 60	2.1E-02 138	3.7E-02 987	1.8E-03 2
20:43----21:43	1.8E-02 19 63	2.2E-02 151	3.9E-02 987	9.7E-04 2

THUNDER BAY #21, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
20:58----21:58	2.0E-02 18 63	2.4E-02 162	3.7E-02 987	4.0E-04 2
21:13----22:13	2.2E-02 17 63	2.6E-02 173	3.4E-02 987	8.0E-05 1
21:28----22:28	2.2E-02 17 60	2.9E-02 182	3.3E-02 987	1.1E-05 1
21:43----22:43	2.5E-02 17 60	3.4E-02 188	3.3E-02 987	4.1E-06 1
21:58----22:58	2.6E-02 16 56	3.6E-02 192	3.2E-02 987	5.7E-06 1
22:13----23:13	3.0E-02 16 62	4.3E-02 195	3.3E-02 988	7.6E-06 1
22:28----23:28	3.3E-02 16 70	4.1E-02 197	3.0E-02 988	8.8E-06 0
22:43----23:43	3.4E-02 16 74	3.5E-02 202	2.6E-02 988	1.4E-05 0
22:58----23:58	3.1E-02 15 80	2.9E-02 210	2.5E-02 988	2.2E-05 0
23:13----00:13	2.7E-02 15 91	1.8E-02 217	2.3E-02 988	2.8E-05 0
23:28----00:28	3.1E-02 15 126	1.6E-02 224	1.9E-02 987	3.6E-05 0
23:43----00:43	3.7E-02 15 47	1.8E-02 229	1.4E-02 987	3.9E-05 0
23:58----00:58	4.8E-02 15 16	2.1E-02 232	7.3E-03 987	3.6E-05 0
00:13----01:13	5.9E-02 15 13	2.6E-02 235	2.0E-03 987	3.2E-05 0

THUNDER BAY #21, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
00:28----01:28	6.4E-02 15 8	2.8E-02 236	1.6E-04 987	2.7E-05 0
00:43----01:43	6.4E-02 15 343	3.0E-02 238	4.3E-05 987	2.5E-05 0
00:58----01:58	6.2E-02 15 6	3.0E-02 240	4.7E-05 987	2.2E-05 0
01:13----02:13	5.9E-02 15 25	3.2E-02 239	5.1E-05 987	2.2E-05 0
01:28----02:28	5.7E-02 15 67	3.7E-02 240	5.7E-05 987	2.2E-05 0
01:43----02:43	5.6E-02 15 99	4.3E-02 241	6.8E-05 987	2.0E-05 0
01:58----02:58	5.7E-02 15 131	4.8E-02 241	1.2E-04 987	2.0E-05 0
02:13----03:13	5.6E-02 15 147	5.0E-02 241	1.3E-04 987	1.8E-05 0
02:28----03:28	5.5E-02 15 139	5.1E-02 237	1.4E-04 987	1.4E-05 0
02:43----03:43	5.3E-02 15 189	4.9E-02 232	1.4E-04 987	1.3E-05 0
02:58----03:58	4.7E-02 15 189	4.6E-02 227	3.7E-04 987	1.1E-05 0
03:13----04:13	4.6E-02 15 112	4.0E-02 226	1.6E-03 987	1.0E-05 0
03:28----04:28	4.0E-02 14 96	3.2E-02 230	5.9E-03 987	1.4E-05 0
03:43----04:43	3.6E-02 14 96	2.4E-02 233	9.4E-03 987	1.3E-05 0

THUNDER BAY #21, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
03:58----04:58	3.2E-02 14 97	1.8E-02 236	1.4E-02 987	1.2E-05 0
04:13----05:13	3.0E-02 14 103	1.7E-02 237	1.6E-02 987	1.2E-05 0
04:28----05:28	3.0E-02 14 143	1.7E-02 236	1.4E-02 987	9.4E-06 0
04:43----05:43	2.8E-02 14 106	1.8E-02 236	1.3E-02 987	1.3E-05 0
04:58----05:58	3.0E-02 13 106	1.8E-02 237	1.2E-02 987	1.3E-05 0
05:13----06:13	2.6E-02 13 93	1.7E-02 237	1.4E-02 987	1.6E-05 0
05:28----06:28	2.4E-02 13 90	1.6E-02 235	1.8E-02 987	2.0E-05 0
05:43----06:43	2.2E-02 13 111	1.6E-02 235	1.9E-02 987	6.9E-05 0
05:58----06:58	1.7E-02 13 116	1.5E-02 234	2.1E-02 987	2.2E-04 0
06:13----07:13	1.7E-02 13 110	1.6E-02 234	2.0E-02 987	6.1E-04 0
06:28----07:28	2.0E-02 13 87	1.7E-02 238	2.0E-02 987	1.4E-03 1
06:43----07:43	2.0E-02 13 83	1.6E-02 239	2.1E-02 987	2.5E-03 1
06:58----07:58	2.6E-02 13 79	1.9E-02 242	1.7E-02 987	4.2E-03 1
07:13----08:13	2.8E-02 14 78	1.9E-02 239	1.7E-02 987	6.6E-03 1

THUNDER BAY #21, CONT'D

PAGE 5

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
07:28-----08:28	2.6E-02 14 91	1.9E-02 221	1.7E-02 987	9.9E-03 1
07:43-----08:43	2.7E-02 16 106	2.0E-02 200	1.7E-02 987	1.4E-02 1
07:58-----08:58	2.4E-02 17 105	1.8E-02 183	2.0E-02 987	1.8E-02 1
08:13-----09:13	2.0E-02 19 103	1.8E-02 173	2.2E-02 987	2.1E-02 2

STATISTICS

NUMBER OF READINGS 366

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.17E-01	3.16E-02	1.90E-02	2.11E-02	5.49E+00
NO	1.00E-02	1.22E-01	2.53E-02	1.30E-02	2.23E-02	1.55E+00
OZONE	1.00E-06	5.81E-02	2.22E-02	1.78E-02	5.78E-03	1.75E+01
SOLAR RAD	1.00E-06	4.41E-02	5.53E-03	1.12E-02	1.57E-04	2.72E+01
TEMP	13	32	17	5		
HUMIDITY	51	253	192	60	178	2
BAROMETER	986	988	987	0	987	1
WIND SPEED	0	9	1	2	0	26

MAXIMUM
AVERAGE

NO2	6.45E-02
NO	5.06E-02
OZONE	5.45E-02
SOLAR RAD	3.97E-02
TEMP	30
HUMIDITY	242
BAROMETER	988
WIND SPEED	6
WIND DIRECTION	343

THUNDER BAY #22

DATE: AUG 12 1978
SCAN TIME: 60 SEC
AVERAGING TIME: 60 MIN
LOCATION: CAN-CAR (X2960-Y5840); 1.1KM @ 025 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
15:10----16:10	3.1E-02 29 238	1.1E-02 85	6.8E-02 984	4.4E-02 26
15:25----16:25	2.9E-02 28 240	9.0E-03 86	6.6E-02 984	4.8E-02 24
15:40----16:40	2.7E-02 29 241	9.2E-03 83	6.6E-02 984	5.0E-02 22
15:55----16:55	2.9E-02 29 242	9.1E-03 81	6.6E-02 984	5.1E-02 20
16:10----17:10	2.6E-02 30 242	1.0E-02 78	6.7E-02 984	5.1E-02 18
16:25----17:25	2.4E-02 30 243	1.2E-02 76	6.8E-02 984	4.4E-02 17
16:40----17:40	2.3E-02 30 245	1.2E-02 74	6.8E-02 984	3.4E-02 16
16:55----17:55	2.2E-02 31 245	1.4E-02 72	6.7E-02 984	2.4E-02 15
17:10----18:10	2.2E-02 31 248	1.6E-02 71	6.6E-02 984	1.4E-02 15
17:25----18:25	2.1E-02 31 249	1.8E-02 70	6.5E-02 984	9.3E-03 16
17:40----18:40	2.2E-02 31 249	2.0E-02 70	6.4E-02 984	8.5E-03 16
17:55----18:55	2.0E-02 31 249	2.3E-02 71	6.3E-02 984	7.6E-03 15

HUNDER BAY #22, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
8:10----19:10	2.1E-02 31 248	2.7E-02 73	6.1E-02 984	7.0E-03 15
8:25----19:25	2.3E-02 30 246	3.1E-02 75	5.9E-02 984	6.8E-03 13
8:40----19:40	2.6E-02 30 244	3.7E-02 78	5.7E-02 984	6.4E-03 12
8:55----19:55	2.5E-02 30 240	4.2E-02 81	5.5E-02 984	6.2E-03 11
19:10----20:10	2.3E-02 30 234	4.6E-02 85	5.5E-02 984	5.7E-03 10
19:25----20:25	2.3E-02 30 233	5.0E-02 90	5.4E-02 984	5.1E-03 9
19:40----20:40	2.4E-02 29 231	5.4E-02 95	5.0E-02 984	4.6E-03 8
19:55----20:55	3.4E-02 29 235	5.3E-02 101	4.3E-02 984	3.9E-03 8
20:10----21:10	4.3E-02 28 239	4.9E-02 109	3.6E-02 984	3.0E-03 8
20:25----21:25	5.5E-02 28 241	4.1E-02 117	2.7E-02 984	1.9E-03 7
20:40----21:40	5.9E-02 27 242	3.1E-02 127	2.4E-02 984	9.7E-04 7
20:55----21:55	5.8E-02 27 241	2.2E-02 138	2.5E-02 984	3.5E-04 7
21:10----22:10	6.1E-02 26 242	1.6E-02 147	2.4E-02 985	9.9E-05 7

STATISTICS

NUMBER OF READINGS 423

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.09E-01	3.26E-02	1.99E-02	2.55E-02	2.88E+00
NO	1.31E-03	8.02E-02	2.48E-02	1.67E-02	1.93E-02	2.11E+00
OZONE	6.96E-03	8.20E-02	5.38E-02	1.72E-02	4.97E-02	1.57E+00
SOLAR RAD	1.00E-06	8.06E-02	1.78E-02	2.09E-02	3.99E-03	1.89E+01
TEMP	26	32	29	2		
HUMIDITY	62	161	93	27	90	1
BAROMETER	984	985	984	0	984	1
WIND SPEED	3	39	14	7	12	2

MAXIMUM
AVERAGE

NO2	6.11E-02
NO	5.39E-02
OZONE	6.82E-02
SOLAR RAD	5.14E-02
TEMP	31
HUMIDITY	147
BAROMETER	985
WIND SPEED	26
WIND DIRECTION	249

THUNDER BAY #23

DATE: AUG 12 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: CAN-CAR (X2960-Y5840); 1.1KM @ 025 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
22:14----23:14	4.2E-02 25 241	1.3E-02 158	4.6E-02 985	2.3E-06 7
22:29----23:29	5.6E-02 25 242	1.1E-02 157	4.2E-02 985	2.5E-06 6
22:44----23:44	6.6E-02 25 247	1.6E-02 160	3.3E-02 985	2.5E-06 5
22:59----23:59	7.2E-02 24 261	3.8E-02 164	2.1E-02 985	2.4E-06 5
23:14----00:14	7.6E-02 23 295	5.2E-02 171	1.1E-02 985	1.3E-06 3
23:29----00:29	7.7E-02 23 308	7.8E-02 174	5.2E-03 986	1.2E-06 3
23:44----00:44	7.6E-02 22 309	9.4E-02 175	2.1E-03 986	1.4E-06 3
23:59----00:59	7.7E-02 22 315	1.0E-01 176	1.4E-03 986	4.0E-06 2
00:14----01:14	7.5E-02 21 317	1.1E-01 172	2.6E-04 986	7.0E-06 1
00:29----01:29	7.0E-02 21 48	9.1E-02 168	1.2E-03 987	9.5E-06 1
00:44----01:44	6.7E-02 21 68	7.6E-02 165	4.0E-03 987	9.4E-06 1
00:59----01:59	6.7E-02 20 72	5.9E-02 166	7.4E-03 987	7.1E-06 1

THUNDER BAY #23: CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
01:14-----02:14	7.8E-02 20 69	4.3E-02 170	9.7E-03 987	5.3E-06 1
01:29-----02:29	9.3E-02 19 9	5.1E-02 177	9.0E-03 987	7.1E-06 0
01:44-----02:44	9.5E-02 19 333	6.2E-02 181	6.5E-03 987	9.6E-06 0
01:59-----02:59	9.4E-02 19 328	5.5E-02 182	3.4E-03 987	9.6E-06 0
02:14-----03:14	9.2E-02 19 338	6.7E-02 185	1.1E-03 987	1.0E-05 0
02:29-----03:29	7.5E-02 19 44	6.3E-02 185	7.5E-04 987	7.4E-06 0
02:44-----03:44	7.4E-02 19 36	5.4E-02 187	4.6E-04 987	7.6E-06 0
02:59-----03:59	7.7E-02 19 41	6.3E-02 189	2.5E-04 987	7.7E-06 0
03:14-----04:14	7.2E-02 19 13	6.0E-02 192	2.6E-04 987	8.9E-06 0
03:29-----04:29	7.5E-02 18 313	7.8E-02 196	2.2E-04 988	1.1E-05 0
03:44-----04:44	7.6E-02 18 268	8.2E-02 199	1.3E-04 988	1.0E-05 0
03:59-----04:59	7.2E-02 18 240	7.9E-02 206	2.9E-04 988	1.7E-05 1
04:14-----05:14	8.4E-02 18 232	7.8E-02 218	1.8E-03 988	2.9E-05 2
04:29-----05:29	9.5E-02 19 232	6.8E-02 228	2.9E-03 988	3.2E-05 3

THUNDER BAY #23, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
04:44-----05:44	1.1E-01 20 229	7.7E-02 232	4.1E-03 988	3.1E-05 3
04:59-----05:59	1.1E-01 20 228	8.9E-02 226	4.2E-03 988	2.5E-05 1
05:14-----06:14	9.0E-02 20 216	8.1E-02 209	3.7E-03 989	1.1E-05 0
05:29-----06:29	7.5E-02 19 69	6.9E-02 197	3.7E-03 989	1.5E-05 1
05:44-----06:44	6.7E-02 18 68	5.6E-02 194	3.2E-03 989	4.7E-05 2
05:59-----06:59	6.6E-02 18 68	4.3E-02 198	4.0E-03 989	1.9E-04 2
06:14-----07:14	7.1E-02 18 68	6.0E-02 206	3.6E-03 990	5.8E-04 2
06:29-----07:29	7.6E-02 17 65	7.7E-02 210	2.7E-03 990	1.4E-03 1
06:44-----07:44	7.7E-02 18 21	8.3E-02 210	2.6E-03 990	2.9E-03 0
06:59-----07:59	7.2E-02 18 351	8.8E-02 205	2.3E-03 990	5.3E-03 0
07:14-----08:14	7.2E-02 18 351	8.8E-02 197	2.5E-03 991	8.6E-03 0
07:29-----08:29	7.1E-02 19 353	9.8E-02 188	3.6E-03 991	1.1E-02 0
07:44-----08:44	6.7E-02 20 7	9.7E-02 178	5.2E-03 991	1.1E-02 0
07:59-----08:59	6.5E-02 21 71	9.6E-02 170	8.1E-03 992	1.2E-02 0

THUNDER BAY #23: CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
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STATISTICS

NUMBER OF READINGS 261

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	3.53E-01	7.40E-02	4.98E-02	4.27E-02	9.14E+00
NO	1.00E-06	2.99E-01	6.71E-02	5.14E-02	4.70E-02	3.05E+00
OZONE	5.00E-05	5.39E-02	8.19E-03	1.35E-02	2.10E-03	6.40E+00
SOLAR RAD	1.00E-06	2.13E-02	1.85E-03	4.40E-03	2.08E-05	2.69E+01
TEMP	17	26	20	2		
HUMIDITY	139	255	186	23	184	1
BAROMETER	985	992	988	2	988	1
WIND SPEED	0	13	2	2	0	24

MAXIMUM
AVERAGE

NO2	1.07E-01
NO	1.12E-01
OZONE	4.63E-02
SOLAR RAD	1.23E-02
TEMP	25
HUMIDITY	232
BAROMETER	992
WIND SPEED	7
WIND DIRECTION	353

THUNDER BAY #24

DATE: AUG 13 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: HWY #61 & BROADWAY (X2840-Y5800): 1.0KM & 305 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
14:52-----15:52	1.9E-02 24 106	1.5E-02 105	2.6E-02 992	4.2E-02 15
15:02-----16:02	2.0E-02 24 101	1.6E-02 107	2.4E-02 992	4.1E-02 15
15:12-----16:12	2.2E-02 24 95	1.8E-02 107	2.3E-02 992	4.2E-02 15
15:22-----16:22	2.4E-02 24 89	2.1E-02 107	2.1E-02 992	4.4E-02 16
15:32-----16:32	2.0E-02 24 87	2.2E-02 106	2.1E-02 992	4.5E-02 16
15:42-----16:42	2.0E-02 24 87	2.2E-02 106	2.2E-02 992	4.2E-02 16
15:52-----16:52	1.9E-02 24 88	2.3E-02 106	2.2E-02 992	3.8E-02 15
16:02-----17:02	2.0E-02 23 88	2.5E-02 108	2.2E-02 991	3.6E-02 14
16:12-----17:12	2.2E-02 23 88	3.0E-02 110	2.1E-02 991	3.3E-02 14
16:22-----17:22	2.3E-02 23 91	3.1E-02 110	2.1E-02 991	2.9E-02 12
16:32-----17:32	2.7E-02 23 98	3.1E-02 110	2.1E-02 991	2.5E-02 9
16:42-----17:42	2.8E-02 23 107	3.1E-02 107	2.1E-02 991	2.3E-02 7

THUNDER BAY #24; CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
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STATISTICS

NUMBER OF READINGS 176

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.55E-01	2.19E-02	2.01E-02	9.64E-03	1.20E+01
NO	3.32E-03	9.58E-02	2.35E-02	1.39E-02	2.02E-02	1.78E+00
OZONE	9.83E-03	3.82E-02	2.28E-02	4.57E-03	2.24E-02	1.23E+00
SOLAR RAD	1.72E-02	6.55E-02	3.50E-02	1.19E-02	3.30E-02	1.41E+00
TEMP	22	25	24	1		
HUMIDITY	87	119	105	7	105	1
BAROMETER	991	992	992	0	992	1
WIND SPEED	0	27	13	6	10	2

MAXIMUM
AVERAGE

NO2	2.82E-02
NO	3.11E-02
OZONE	2.58E-02
SOLAR RAD	4.48E-02
TEMP	24
HUMIDITY	110
BAROMETER	992
WIND SPEED	16
WIND DIRECTION	107

THUNDER BAY #25

DATE: AUG 13 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: HWY #61 & BROADWAY (X2840-Y5800): 1.0KM & 305 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
19:12----20:12	1.5E-02 21 72	2.6E-02 141	2.6E-02 990	7.6E-03 7
19:27----20:27	1.7E-02 21 70	2.3E-02 146	2.7E-02 990	5.9E-03 9
19:42----20:42	1.8E-02 20 71	2.4E-02 153	2.6E-02 990	3.8E-03 9
19:57----20:57	2.3E-02 20 71	2.2E-02 157	2.7E-02 990	2.9E-03 9
20:12----21:12	2.1E-02 20 72	2.2E-02 161	2.6E-02 990	2.1E-03 8
20:27----21:27	2.0E-02 19 75	2.4E-02 163	2.5E-02 990	1.3E-03 7
20:42----21:42	3.2E-02 19 75	2.4E-02 166	2.3E-02 990	6.9E-04 5
20:57----21:57	3.1E-02 19 75	2.7E-02 170	2.2E-02 990	3.0E-04 4
21:12----22:12	3.3E-02 19 70	2.9E-02 174	2.1E-02 990	6.6E-05 3
21:27----22:27	3.7E-02 18 66	2.7E-02 177	2.0E-02 990	1.4E-05 3
21:42----22:42	2.8E-02 18 67	2.3E-02 179	2.0E-02 990	1.1E-05 4
21:57----22:57	2.5E-02 18 68	2.2E-02 181	2.0E-02 990	1.0E-05 5

THUNDER BAY #25, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
22:12-----23:12	2.4E-02 18 70	2.1E-02 184	2.0E-02 990	1.0E-05 5
22:27-----23:27	2.7E-02 18 70	2.0E-02 186	2.0E-02 990	1.1E-05 5
22:42-----23:42	2.8E-02 18 68	2.0E-02 190	2.0E-02 990	9.2E-06 5
22:57-----23:57	3.0E-02 18 68	1.8E-02 196	2.2E-02 990	9.6E-06 6
23:12-----00:12	3.2E-02 17 67	1.5E-02 203	2.5E-02 990	1.1E-05 6
23:27-----00:27	2.7E-02 17 70	1.5E-02 212	2.9E-02 990	1.4E-05 7
23:42-----00:42	2.3E-02 17 73	1.8E-02 218	3.2E-02 990	1.7E-05 7
23:57-----00:57	2.1E-02 18 69	1.5E-02 220	3.3E-02 990	1.8E-05 6
00:12-----01:12	2.5E-02 18 66	1.4E-02 221	3.3E-02 990	1.8E-05 6
00:27-----01:27	2.9E-02 18 64	1.3E-02 219	3.3E-02 990	1.5E-05 5
00:42-----01:42	3.3E-02 18 61	1.1E-02 218	3.4E-02 990	1.4E-05 5
00:57-----01:57	3.5E-02 18 67	1.3E-02 218	3.4E-02 990	1.2E-05 6
01:12-----02:12	2.9E-02 18 69	1.3E-02 220	3.6E-02 989	1.1E-05 6
01:27-----02:27	2.6E-02 18 66	1.2E-02 223	3.6E-02 989	1.0E-05 6

THUNDER BAY #25: CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
01:42----02:42	2.5E-02 17 68	1.2E-02 226	3.7E-02 989	1.2E-05 5
01:57----02:57	2.4E-02 17 62	1.1E-02 230	3.9E-02 989	1.4E-05 4
02:12----03:12	2.8E-02 17 60	1.1E-02 232	4.0E-02 989	1.6E-05 4
02:27----03:27	2.7E-02 17 60	1.0E-02 237	4.2E-02 989	1.9E-05 5
02:42----03:42	2.9E-02 17 59	9.4E-03 242	4.3E-02 988	2.1E-05 5
02:57----03:57	3.0E-02 17 60	8.8E-03 246	4.3E-02 988	2.4E-05 4
03:12----04:12	2.9E-02 17 60	8.9E-03 249	4.4E-02 988	2.4E-05 4
03:27----04:27	3.0E-02 17 64	1.1E-02 250	4.4E-02 988	2.2E-05 3
03:42----04:42	2.7E-02 17 61	1.1E-02 249	4.4E-02 988	2.0E-05 3
03:57----04:57	2.0E-02 17 54	1.1E-02 249	4.5E-02 988	1.7E-05 4
04:12----05:12	2.0E-02 17 52	1.1E-02 250	4.5E-02 988	1.9E-05 4
04:27----05:27	2.2E-02 16 50	1.0E-02 248	4.4E-02 988	2.0E-05 4
04:42----05:42	2.4E-02 16 48	1.1E-02 245	4.1E-02 988	1.8E-05 3
04:57----05:57	3.2E-02 16 54	1.1E-02 243	4.0E-02 988	2.0E-05 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
05:12-----06:12	3.2E-02 16 51	1.1E-02 239	3.8E-02 988	1.9E-05 1
05:27-----06:27	3.2E-02 16 46	1.0E-02 240	3.5E-02 988	2.0E-05 1
05:42-----06:42	3.1E-02 16 44	1.0E-02 244	3.3E-02 988	3.0E-05 1
05:57-----06:57	2.9E-02 16 22	1.4E-02 247	2.9E-02 988	8.3E-05 1
06:12-----07:12	3.3E-02 16 19	1.4E-02 249	2.6E-02 988	3.0E-04 1
06:27-----07:27	4.0E-02 16 344	2.5E-02 249	2.2E-02 988	7.6E-04 2
06:42-----07:42	5.0E-02 16 336	3.6E-02 250	1.7E-02 988	1.5E-03 2
06:57-----07:57	5.3E-02 16 345	3.5E-02 248	1.5E-02 988	2.4E-03 2
07:12-----08:12	5.6E-02 16 347	4.0E-02 250	1.1E-02 988	3.4E-03 2
07:27-----08:27	5.3E-02 16 11	3.3E-02 251	1.2E-02 988	4.7E-03 2
07:42-----08:42	4.9E-02 16 6	3.0E-02 248	1.3E-02 987	6.3E-03 3
07:57-----08:57	5.3E-02 17 8	3.1E-02 244	1.3E-02 987	7.7E-03 2

STATISTICS

NUMBER OF READINGS 334

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.22E-01	3.06E-02	2.03E-02	1.86E-02	6.92E-02
NO	5.01E-03	8.17E-02	1.90E-02	1.43E-02	1.53E-02	1.86E-02
OZONE	3.68E-03	4.92E-02	2.90E-02	1.07E-02	2.67E-02	1.56E-02
SOLAR RAD	1.19E-06	1.21E-02	1.58E-03	3.05E-03	8.58E-05	1.38E+01
TEMP	15	21	18	1		
HUMIDITY	133	258	215	36	212	
BAROMETER	987	991	989	1	989	
WIND SPEED	0	15	4	3	3	

MAXIMUM
AVERAGE

NO2	5.58E-02
NO	4.00E-02
OZONE	4.52E-02
SOLAR RAD	7.68E-03
TEMP	21
HUMIDITY	251
BAROMETER	990
WIND SPEED	9
WIND DIRECTION	347

THUNDER BAY #26

DATE: AUG 14 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: NEEBING & MONTREAL STS (X2920-Y5830): 1.0KM & 005 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
10:56----11:56	3.6E-02 29 184	1.0E-02 101	5.8E-02 987	5.0E-02 16
11:06----12:06	3.4E-02 29 180	1.0E-02 100	5.9E-02 987	4.7E-02 15
11:16----12:16	3.6E-02 29 174	1.2E-02 100	5.9E-02 987	4.5E-02 15
11:26----12:26	3.8E-02 29 169	1.3E-02 100	5.8E-02 987	4.5E-02 14
11:36----12:36	4.0E-02 29 166	1.3E-02 98	5.8E-02 986	4.5E-02 14
11:46----12:46	3.6E-02 29 165	1.4E-02 98	5.8E-02 986	4.6E-02 14
11:56----12:56	3.6E-02 30 169	1.5E-02 95	5.9E-02 986	4.9E-02 15
12:06----13:06	3.9E-02 30 173	1.7E-02 92	5.8E-02 986	5.5E-02 15
12:16----13:16	3.6E-02 31 174	1.7E-02 87	5.9E-02 986	6.0E-02 14

STATISTICS

NUMBER OF READINGS 57

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	4.59E-03	1.02E-01	3.51E-02	1.85E-02	3.04E-02	1.78E-02
NO	4.36E-03	3.90E-02	1.37E-02	7.77E-03	1.19E-02	1.68E-02
OZONE	4.29E-02	6.67E-02	5.86E-02	4.54E-03	5.84E-02	1.08E-02
SOLAR RAD	2.38E-02	7.28E-02	5.25E-02	1.16E-02	5.11E-02	1.27E-02
TEMP	28	34	30	2		
HUMIDITY	71	108	95	10	94	
BAROMETER	986	987	986	0	986	
WIND SPEED	8	23	16	3	15	

MAXIMUM
AVERAGE

NO2	3.95E-02
NO	1.71E-02
OZONE	5.90E-02
SOLAR RAD	6.03E-02
TEMP	31
HUMIDITY	101
BAROMETER	987
WIND SPEED	16
WIND DIRECTION	184

THUNDER BAY #27

DATE: AUG 14 1978

SCAN TIME: 60 SEC

AVERAGING TIME: 60 MIN

LOCATION:

GORE ST: 0.1KM E OF NEEBING AVE (X2925-Y5910); 1.7KM @ 005 DGS/SRC

TIME	N02 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
13:38----14:38	3.4E-02 32 188	2.9E-02 73	6.5E-02 985	7.0E-02 16
13:48----14:48	3.2E-02 33 189	3.0E-02 72	6.7E-02 985	7.1E-02 16
13:58----14:58	3.1E-02 33 189	2.8E-02 72	6.8E-02 985	6.9E-02 17
14:08----15:08	2.8E-02 33 188	2.6E-02 71	6.9E-02 985	6.7E-02 16
14:18----15:18	2.7E-02 33 191	2.5E-02 72	6.8E-02 985	6.3E-02 15
14:28----15:28	2.6E-02 33 192	2.0E-02 72	6.9E-02 985	6.0E-02 15
14:38----15:38	3.8E-02 32 193	1.9E-02 74	7.0E-02 985	5.4E-02 16

STATISTICS

NUMBER OF READINGS 128

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	5.19E-01	3.59E-02	5.98E-02	9.62E-03	2.43E-01
NO	7.13E-03	2.94E-01	2.35E-02	3.58E-02	1.68E-02	1.92E-00
OZONE	3.00E-02	7.79E-02	6.79E-02	6.71E-03	6.75E-02	1.13E-00
SOLAR RAD	2.52E-02	8.22E-02	6.27E-02	1.53E-02	6.02E-02	1.37E+00
TEMP	30	34	32	1		
HUMIDITY	64	92	73	4	73	
BAROMETER	985	986	985	0	985	
WIND SPEED	7	28	16	4	16	

MAXIMUM
AVERAGE

NO2	3.83E-02
NO	2.96E-02
OZONE	6.96E-02
SOLAR RAD	7.05E-02
TEMP	33
HUMIDITY	74
BAROMETER	985
WIND SPEED	17
WIND DIRECTION	193

THUNDER BAY #28

DATE: AUG 14 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: NEEBING & MONTREAL STS (X2920-Y5830); 1.0KM @ 005 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
16:01----17:01	3.0E-02 34 194	1.5E-02 71	7.4E-02 984	4.6E-02 20
16:04----17:04	3.0E-02 34 193	1.5E-02 71	7.4E-02 984	4.5E-02 19
16:07----17:07	3.0E-02 34 193	1.4E-02 72	7.5E-02 984	4.5E-02 19

STATISTICS

NUMBER OF READINGS 67

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	9.01E-02	2.93E-02	1.32E-02	2.26E-02	4.09E+00
NO	8.81E-03	5.74E-02	1.46E-02	6.74E-03	1.38E-02	1.38E+00
OZONE	6.05E-02	8.24E-02	7.47E-02	4.03E-03	7.46E-02	1.06E+00
SOLAR RAD	2.31E-02	6.11E-02	4.60E-02	1.22E-02	4.41E-02	1.36E+00
TEMP	33	36	34	1		
HUMIDITY	63	77	71	3	71	1
BAROMETER	984	985	984	0	984	1
WIND SPEED	12	30	19	4	19	1

MAXIMUM
AVERAGE

NO2	3.00E-02
NO	1.51E-02
OZONE	7.51E-02
SOLAR RAD	4.57E-02
TEMP	34
HUMIDITY	72
BAROMETER	984
WIND SPEED	20
WIND DIRECTION	194

THUNDER BAY #31

DATE: AUG 17 1978
 SCAN TIME: 120 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: ROSSLYN RD. & 20TH SIDE RD. (X2505-Y5910): 4.4KM @ 290 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
19:17-----20:17	2.6E-02 16 95	2.6E-02 0	3.2E-02 985	5.8E-03 9
19:27-----20:27	2.6E-02 16 95	2.7E-02 0	3.1E-02 985	4.3E-03 9
19:37-----20:37	3.0E-02 16 95	2.8E-02 0	3.2E-02 985	3.7E-03 9
19:47-----20:47	3.0E-02 15 92	2.6E-02 0	3.2E-02 985	3.0E-03 8
19:57-----20:57	3.2E-02 15 93	2.5E-02 0	3.2E-02 985	2.6E-03 8
20:07-----21:07	3.1E-02 15 94	2.6E-02 0	3.1E-02 985	2.1E-03 9
20:17-----21:17	2.8E-02 15 95	2.7E-02 0	3.1E-02 985	1.6E-03 8
20:27-----21:27	3.0E-02 15 95	3.1E-02 0	3.0E-02 985	9.8E-04 6
20:37-----21:37	3.3E-02 15 94	3.2E-02 0	2.9E-02 985	5.3E-04 6
20:47-----21:47	3.2E-02 15 95	3.2E-02 0	2.9E-02 985	2.2E-04 6
20:57-----21:57	3.1E-02 15 90	3.3E-02 0	2.9E-02 985	8.3E-05 5
21:07-----22:07	3.3E-02 15 90	3.2E-02 0	2.9E-02 985	3.7E-05 5

THUNDER BAY #31, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
21:17-----22:17	3.7E-02 15 86	2.8E-02 0	2.8E-02 984	1.8E-05 6
21:27-----22:27	3.9E-02 14 88	2.3E-02 0	2.9E-02 984	1.4E-05 5

STATISTICS

NUMBER OF READINGS 96

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.51E-01	3.12E-02	2.61E-02	1.08E-02	2.13E+01
NO	1.28E-02	1.55E-01	2.68E-02	1.77E-02	2.41E-02	1.50E+00
OZONE	1.30E-02	3.78E-02	3.05E-02	3.70E-03	3.03E-02	1.15E+00
SOLAR RAD	1.00E-06	1.78E-02	2.32E-03	3.33E-03	3.21E-04	1.46E+01
TEMP	14	17	15	1		
HUMIDITY	0	0	0	0	0	9
BAROMETER	984	986	985	0	985	1
WIND SPEED	0	18	8	4	5	11

MAXIMUM
AVERAGE

NO2	3.86E-02
NO	3.25E-02
OZONE	3.19E-02
SOLAR RAD	5.83E-03
TEMP	16
HUMIDITY	0
BAROMETER	985
WIND SPEED	9
WIND DIRECTION	95

THUNDER BAY #32

DATE: AUG 17 1978
 SCAN TIME: 120 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: BROADWAY & BOWLER (X2505-Y5850); 4.2KM & 285 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
22:49-----23:49	6.3E-02 15 85	6.6E-02 0	1.5E-02 984	1.5E-05 5
23:09-----00:09	8.6E-02 15 80	6.4E-02 0	1.4E-02 984	2.1E-05 3
23:29-----00:29	9.7E-02 15 83	7.1E-02 0	1.1E-02 984	2.2E-05 2
23:49-----00:49	9.5E-02 15 78	6.8E-02 0	1.2E-02 984	2.0E-05 1
00:09-----01:09	6.2E-02 16 81	7.4E-02 0	1.5E-02 984	1.9E-05 2
00:29-----01:29	4.7E-02 15 76	6.6E-02 0	1.9E-02 984	1.8E-05 2
00:49-----01:49	3.6E-02 15 66	5.5E-02 0	2.2E-02 983	1.7E-05 4
01:09-----02:09	4.1E-02 15 66	4.1E-02 0	2.2E-02 983	1.7E-05 4
01:29-----02:29	4.1E-02 15 71	4.0E-02 0	2.3E-02 983	1.8E-05 4
01:49-----02:49	5.5E-02 15 79	4.5E-02 0	2.1E-02 983	1.8E-05 3
02:09-----03:09	4.6E-02 15 69	4.4E-02 0	2.3E-02 983	1.8E-05 2
02:29-----03:29	4.1E-02 15 336	4.2E-02 0	2.3E-02 984	1.5E-05 1

THUNDER BAY #32, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
02:49-----03:49	2.3E-02 15 284	3.2E-02 0	2.3E-02 984	1.8E-05 1
03:09-----04:09	2.3E-02 15 287	2.8E-02 0	2.1E-02 984	2.4E-05 1
03:29-----04:29	2.9E-02 14 97	2.7E-02 0	1.9E-02 984	2.8E-05 1
03:49-----04:49	3.9E-02 14 85	3.2E-02 0	1.6E-02 981	2.9E-05 4
04:09-----05:09	3.8E-02 15 117	3.1E-02 0	1.7E-02 979	2.8E-05 5
04:29-----05:29	3.1E-02 15 132	3.1E-02 0	1.9E-02 979	2.9E-05 4
04:49-----05:49	2.1E-02 15 163	3.5E-02 0	2.2E-02 980	2.7E-05 3
05:09-----06:09	2.6E-02 15 207	3.6E-02 0	1.9E-02 980	2.7E-05 0
05:29-----06:29	3.7E-02 16 41	4.0E-02 0	1.4E-02 980	2.8E-05 1
05:49-----06:49	5.2E-02 16 31	3.5E-02 0	1.2E-02 980	3.5E-05 1
06:09-----07:09	5.2E-02 16 32	4.4E-02 0	1.1E-02 980	6.7E-05 1
06:29-----07:29	4.8E-02 16 50	5.8E-02 0	1.2E-02 980	2.2E-04 1
06:49-----07:49	4.0E-02 16 63	6.6E-02 0	1.0E-02 980	5.7E-04 1
07:09-----08:09	4.1E-02 16 64	6.3E-02 0	7.7E-03 980	1.5E-03 1

THUNDER BAY #32, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
07:29----08:29	4.4E-02 16 55	4.9E-02 0	6.3E-03 979	3.3E-03 1
07:49----08:49	6.2E-02 16 56	6.3E-02 0	5.5E-03 979	5.3E-03 1

STATISTICS

NUMBER OF READINGS 304

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	3.79E-01	4.90E-02	4.90E-02	1.64E-02	2.03E+01
NO	1.57E-02	2.88E-01	5.12E-02	3.73E-02	4.30E-02	1.74E+00
OZONE	1.33E-03	2.97E-02	1.58E-02	7.26E-03	1.37E-02	1.78E+00
SOLAR RAD	1.00E-06	1.16E-02	7.17E-04	1.98E-03	4.80E-05	7.49E+00
TEMP	14	17	15	1		
HUMIDITY	0	0	0	0	0	
BAROMETER	977	986	982	2	982	1
WIND SPEED	0	21	3	3	0	201

MAXIMUM AVERAGE

NO2	9.71E-02
NO	7.41E-02
OZONE	2.35E-02
SOLAR RAD	5.29E-03
TEMP	16
HUMIDITY	0
BAROMETER	984
WIND SPEED	5
WIND DIRECTION	336

THUNDER BAY #33

DATE: AUG 18 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: GRAVEL PIT RD. (X3070-Y5760): 1.6KM @ 080 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
21:31----22:31	5.0E-02 18 278	1.1E-01 106	1.4E-02 985	2.6E-06 6
21:46----22:46	3.8E-02 18 278	1.1E-01 109	1.5E-02 985	2.6E-06 7
22:01----23:01	6.2E-02 17 282	1.1E-01 112	1.4E-02 985	1.3E-06 7
22:16----23:16	5.6E-02 17 286	1.1E-01 114	1.3E-02 986	1.6E-06 7
22:31----23:31	5.2E-02 17 285	9.9E-02 117	1.3E-02 986	4.6E-06 6
22:46----23:46	5.5E-02 17 284	9.7E-02 119	1.3E-02 986	8.8E-06 5
23:01----00:01	5.1E-02 17 279	1.0E-01 120	1.4E-02 986	8.8E-06 4
23:16----00:16	4.8E-02 17 279	8.3E-02 122	1.5E-02 986	8.5E-06 4
23:31----00:31	6.0E-02 16 280	7.9E-02 125	1.6E-02 986	5.3E-06 4
23:46----00:46	5.0E-02 16 277	6.9E-02 126	1.7E-02 986	2.3E-06 4
00:01----01:01	3.3E-02 16 282	4.7E-02 128	1.8E-02 986	3.2E-06 5
00:16----01:16	3.3E-02 16 284	4.4E-02 129	1.8E-02 986	3.2E-06 6

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
00:31-----01:31	2.5E-02 15 282	3.8E-02 130	1.8E-02 986	3.2E-06 6
00:46-----01:46	2.7E-02 15 279	3.5E-02 132	1.8E-02 986	2.0E-06 6
01:01-----02:01	4.0E-02 15 271	3.9E-02 135	1.7E-02 986	1.7E-06 4
01:16-----02:16	3.9E-02 15 253	4.4E-02 133	1.8E-02 986	2.0E-06 3
01:31-----02:31	3.7E-02 15 247	4.3E-02 133	1.8E-02 986	2.0E-06 3
01:46-----02:46	3.5E-02 15 255	4.1E-02 135	1.7E-02 986	2.0E-06 3
02:01-----03:01	2.1E-02 15 267	3.7E-02 137	1.7E-02 987	1.3E-06 3
02:16-----03:16	2.2E-02 14 270	3.9E-02 142	1.6E-02 986	1.0E-06 5
02:31-----03:31	2.3E-02 14 279	4.3E-02 148	1.5E-02 987	1.0E-06 4
02:46-----03:46	3.0E-02 14 278	5.0E-02 153	1.4E-02 987	1.0E-06 3
03:01-----04:01	3.8E-02 14 273	5.4E-02 160	1.3E-02 987	1.3E-06 3
03:16-----04:16	3.7E-02 13 289	5.7E-02 167	1.2E-02 987	2.6E-06 2
03:31-----04:31	3.4E-02 13 290	6.0E-02 172	1.1E-02 987	2.6E-06 2
03:46-----04:46	2.5E-02 13 292	6.2E-02 177	1.1E-02 987	3.5E-06 3

THUNDER BAY #33, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
04:01-----05:01	1.2E-02 13 294	6.3E-02 178	1.1E-02 987	4.4E-06 4
04:16-----05:16	1.8E-02 13 287	6.2E-02 176	9.8E-03 987	3.8E-06 4
04:31-----05:31	1.7E-02 13 282	6.3E-02 174	8.1E-03 987	3.8E-06 4
04:46-----05:46	2.4E-02 13 283	5.9E-02 171	7.1E-03 987	2.9E-06 5
05:01-----06:01	3.4E-02 13 281	5.3E-02 171	5.5E-03 987	1.9E-06 5
05:16-----06:16	3.3E-02 13 287	4.7E-02 174	5.8E-03 987	1.3E-06 5
05:31-----06:31	4.2E-02 13 283	4.3E-02 179	5.3E-03 987	2.3E-06 5
05:46-----06:46	4.1E-02 13 278	4.3E-02 179	4.7E-03 987	1.2E-05 6
06:01-----07:01	3.9E-02 13 284	4.2E-02 176	5.6E-03 987	3.7E-05 6
06:16-----07:16	3.8E-02 13 286	3.7E-02 171	6.7E-03 988	2.5E-04 7
06:31-----07:31	3.3E-02 13 288	3.4E-02 164	7.7E-03 988	5.1E-04 8
06:46-----07:46	4.1E-02 13 285	3.5E-02 160	7.9E-03 988	8.7E-04 9
07:01-----08:01	4.1E-02 14 275	4.2E-02 158	6.9E-03 988	1.4E-03 7
07:16-----08:16	3.7E-02 14 274	4.9E-02 156	6.1E-03 988	1.8E-03 7

THUNDER BAY #33, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
07:31----08:31	4.0E-02 14 269	4.7E-02 152	6.0E-03 988	2.6E-03 6
07:46----08:46	3.1E-02 14 272	4.9E-02 149	6.6E-03 988	3.7E-03 5
08:01----09:01	3.1E-02 14 278	4.8E-02 145	7.7E-03 989	4.8E-03 6
08:16----09:16	3.8E-02 14 274	5.3E-02 142	8.7E-03 989	6.2E-03 6
08:31----09:31	3.4E-02 14 275	5.7E-02 141	9.3E-03 989	7.8E-03 5
08:46----09:46	3.3E-02 15 280	5.5E-02 138	1.0E-02 989	9.3E-03 5

STATISTICS

NUMBER OF READINGS 296

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	3.01E-01	3.71E-02	4.63E-02	2.61E-03	9.18E-01
NO	1.52E-02	2.95E-01	5.88E-02	4.61E-02	4.73E-02	1.87E+00
OZONE	2.32E-03	2.14E-02	1.18E-02	4.91E-03	1.06E-02	1.64E-00
SOLAR RAD	1.00E-06	1.38E-02	1.22E-03	2.93E-03	1.06E-05	3.01E-01
TEMP	13	19	15	2		
HUMIDITY	95	186	145	23	143	1
BAROMETER	985	989	987	1	987	
WIND SPEED	0	20	6	4	3	

MAXIMUM
AVERAGE

NO2	6.16E-02
NO	1.11E-01
OZONE	1.81E-02
SOLAR RAD	9.32E-03
TEMP	18
HUMIDITY	179
BAROMETER	989
WIND SPEED	9
WIND DIRECTION	294

THUNDER BAY #34

DATE: AUG 19 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: D.N.D. RIFLE RANGE (X3035-Y5730); 1.1KM & 090 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
17:16----18:16	2.4E-02 23 263	2.2E-02 28	3.6E-02 993	4.7E-02 8
17:31----18:31	2.2E-02 23 267	1.6E-02 27	3.7E-02 993	4.3E-02 7
17:46----18:46	2.8E-02 23 268	1.8E-02 26	3.9E-02 993	4.0E-02 5
18:01----19:01	2.6E-02 23 254	1.9E-02 26	3.9E-02 993	3.6E-02 5
18:16----19:16	3.1E-02 23 243	2.0E-02 26	3.8E-02 994	3.3E-02 5
18:31----19:31	3.3E-02 22 240	3.2E-02 27	3.6E-02 994	2.9E-02 5
18:46----19:46	3.0E-02 22 245	3.0E-02 29	3.4E-02 994	2.6E-02 6
19:01----20:01	3.5E-02 22 245	3.1E-02 31	3.2E-02 994	2.3E-02 5
19:16----20:16	2.9E-02 21 246	2.6E-02 32	3.1E-02 994	1.8E-02 6
19:31----20:31	3.2E-02 21 245	1.5E-02 35	3.0E-02 994	1.2E-02 7
19:46----20:46	3.3E-02 20 234	1.4E-02 37	2.8E-02 995	7.2E-03 7
20:01----21:01	3.4E-02 19 221	1.2E-02 41	2.6E-02 995	3.3E-03 6

THUNDER BAY #34, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
20:16----21:16	3.4E-02 18 205	1.4E-02 42	2.5E-02 995	1.3E-03 5
20:31----21:31	3.2E-02 18 189	1.3E-02 44	2.6E-02 995	7.1E-04 5
20:46----21:46	3.1E-02 18 181	1.3E-02 45	2.6E-02 995	3.2E-04 5

STATISTICS

NUMBER OF READINGS 109

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	2.04E-01	2.96E-02	3.00E-02	8.87E-03	2.59E-01
NO	3.89E-03	1.43E-01	1.88E-02	2.77E-02	1.17E-02	2.26E-00
OZONE	1.34E-02	4.25E-02	3.17E-02	6.82E-03	3.09E-02	1.27E+00
SOLAR RAD	1.00E-06	5.62E-02	2.18E-02	1.87E-02	4.84E-03	2.13E-01
TEMP	17	24	21	2		
HUMIDITY	21	70	34	9	33	
BAROMETER	993	996	994	1	994	
WIND SPEED	0	21	7	4	5	

MAXIMUM
AVERAGE

NO2	3.51E-02
NO	3.16E-02
OZONE	3.89E-02
SOLAR RAD	4.73E-02
TEMP	23
HUMIDITY	45
BAROMETER	995
WIND SPEED	8
WIND DIRECTION	268

THUNDER BAY #35

DATE: AUG 19 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: D.N.D. RIFLE RANGE (X3035-Y5730); 1.1KM @ 090 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
21:53-----22:53	1.4E-02 16 225	2.1E-02 67	2.8E-02 996	1.0E-06 5
22:08-----23:08	1.2E-02 15 225	2.4E-02 81	2.6E-02 996	1.3E-06 5
22:23-----23:23	1.2E-02 15 226	2.0E-02 87	2.6E-02 996	5.3E-06 5
22:38-----23:38	1.5E-02 15 229	1.9E-02 94	2.3E-02 996	6.2E-06 5
22:53-----23:53	1.2E-02 14 234	1.1E-02 100	2.3E-02 997	6.2E-06 5
23:08-----00:08	1.2E-02 14 241	1.0E-02 111	2.1E-02 997	5.9E-06 5
23:23-----00:23	1.4E-02 13 248	1.2E-02 123	1.8E-02 997	2.6E-06 4
23:38-----00:38	1.4E-02 12 249	1.3E-02 138	1.5E-02 997	1.7E-06 3
23:53-----00:53	1.7E-02 12 254	1.5E-02 149	1.3E-02 997	1.7E-06 3
00:08-----01:08	1.8E-02 11 259	1.7E-02 154	1.3E-02 997	1.7E-06 3
00:23-----01:23	1.8E-02 11 262	1.7E-02 159	1.3E-02 998	2.2E-06 3
00:38-----01:38	1.7E-02 11 263	2.3E-02 160	1.4E-02 998	2.2E-06 3

THUNDER BAY #35, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
00:53-----01:53	1.9E-02 10 259	2.2E-02 162	1.3E-02 998	2.2E-06 3
01:08-----02:08	1.9E-02 10 260	2.2E-02 165	1.2E-02 998	2.2E-06 2
01:23-----02:23	1.7E-02 10 263	2.2E-02 169	1.1E-02 998	1.9E-06 2
01:38-----02:38	1.5E-02 10 266	1.6E-02 172	9.8E-03 998	2.8E-06 2
01:53-----02:53	1.3E-02 10 271	1.6E-02 174	1.0E-02 998	4.7E-06 1
02:08-----03:08	1.6E-02 10 268	1.6E-02 175	1.2E-02 998	6.9E-06 2
02:23-----03:23	1.7E-02 10 263	1.5E-02 175	1.2E-02 998	6.9E-06 2
02:38-----03:38	1.9E-02 10 257	2.1E-02 174	1.1E-02 998	7.2E-06 3
02:53-----03:53	1.7E-02 10 259	2.8E-02 172	1.1E-02 998	5.3E-06 4
03:08-----04:08	1.6E-02 10 260	3.0E-02 171	1.0E-02 998	3.1E-06 3
03:23-----04:23	1.7E-02 10 260	4.6E-02 172	8.3E-03 998	2.5E-06 2
03:38-----04:38	1.8E-02 10 268	4.3E-02 175	6.7E-03 998	2.2E-06 1
03:53-----04:53	2.6E-02 9 263	4.5E-02 180	4.8E-03 998	3.7E-06 0
04:08-----05:08	2.5E-02 9 248	4.4E-02 184	3.9E-03 998	4.7E-06 0

THUNDER BAY #35, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
04:23-----05:23	2.3E-02 9 249	2.9E-02 187	3.8E-03 998	6.5E-06 0
04:38-----05:38	2.1E-02 9 249	2.9E-02 190	3.8E-03 998	7.8E-06 0
04:53-----05:53	1.8E-02 9 249	2.8E-02 191	3.5E-03 999	6.6E-06 0
05:08-----06:08	1.8E-02 8 263	3.5E-02 191	3.8E-03 999	6.3E-06 0
05:23-----06:23	2.5E-02 8 246	4.1E-02 191	2.8E-03 999	7.8E-06 0
05:38-----06:38	2.8E-02 8 247	4.4E-02 191	2.6E-03 999	1.8E-05 0
05:53-----06:53	2.6E-02 8 247	4.6E-02 192	2.7E-03 999	3.9E-05 0
06:08-----07:08	2.6E-02 8 247	3.4E-02 192	2.5E-03 999	1.4E-04 0
06:23-----07:23	2.2E-02 8 251	2.9E-02 193	2.2E-03 999	3.9E-04 1
06:38-----07:38	2.8E-02 8 254	2.4E-02 194	2.3E-03 999	7.7E-04 1
06:53-----07:53	1.6E-02 8 256	2.1E-02 194	2.6E-03 999	1.4E-03 1
07:08-----08:08	1.9E-02 8 256	1.6E-02 198	3.1E-03 999	2.8E-03 1
07:23-----08:23	1.7E-02 9 263	2.8E-02 200	3.5E-03 999	2.8E-03 0
07:38-----08:38	1.6E-02 9 262	2.3E-02 198	4.4E-03 999	3.6E-03 0

THUNDER BAY #35, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
07:53-----08:53	2.3E-02 10 263	2.6E-02 194	5.8E-03 999	4.4E-03 0
08:08-----09:08	2.6E-02 10 271	2.6E-02 186	7.8E-03 999	5.2E-03 0

STATISTICS

NUMBER OF READINGS 272

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	2.07E-01	1.87E-02	2.42E-02	3.08E-03	4.20E-01
NO	3.26E-03	3.14E-01	2.48E-02	3.20E-02	1.63E-02	2.27E-00
OZONE	8.41E-04	3.57E-02	1.08E-02	8.83E-03	7.58E-03	2.43E+00
SOLAR RAD	1.00E-06	8.57E-03	6.88E-04	1.64E-03	1.05E-05	2.10E+01
TEMP	8	17	11	2		
HUMIDITY	42	207	162	40	154	
BAROMETER	996	1000	998	1	998	1
WIND SPEED	0	13	2	3	0	949

MAXIMUM
AVERAGE

NO2	2.84E-02
NO	4.59E-02
OZONE	2.82E-02
SOLAR RAD	5.22E-03
TEMP	16
HUMIDITY	200
BAROMETER	999
WIND SPEED	5
WIND DIRECTION	271

THUNDER BAY #37

DATE: AUG 20 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: M.O.E. LAB (X3040-Y6070); 3.5KM & 020 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
22:04----23:04	5.6E-02 19 87	4.8E-02 106	9.0E-03 995	1.4E-06 0
22:19----23:19	6.4E-02 18 15	6.3E-02 118	3.2E-03 995	1.4E-06 1
22:34----23:34	7.0E-02 17 18	7.2E-02 131	3.1E-05 995	1.7E-06 1
22:49----23:49	7.2E-02 17 22	6.2E-02 143	3.7E-05 995	2.6E-06 2
23:04----00:04	7.3E-02 16 23	5.5E-02 152	2.6E-04 995	4.0E-06 2
23:19----00:19	7.3E-02 16 25	5.1E-02 160	5.5E-04 995	5.0E-06 2
23:34----00:34	7.0E-02 16 26	4.0E-02 165	1.5E-03 995	5.8E-06 2
23:49----00:49	6.8E-02 16 26	3.3E-02 168	2.2E-03 995	7.2E-06 1
00:04----01:04	6.3E-02 16 26	2.8E-02 170	3.4E-03 995	7.6E-06 1
00:19----01:19	5.9E-02 16 24	1.9E-02 172	4.6E-03 995	8.0E-06 1
00:34----01:34	5.5E-02 16 22	1.7E-02 174	5.1E-03 995	9.6E-06 0
00:49----01:49	5.2E-02 16 20	1.7E-02 176	4.6E-03 995	7.8E-06 0

THUNDER BAY #37, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
01:04----02:04	5.0E-02 15 15	2.0E-02 177	3.5E-03 995	6.7E-06 0
01:19----02:19	4.5E-02 15 359	1.9E-02 178	3.6E-03 995	6.7E-06 0
01:34----02:34	4.1E-02 15 315	2.1E-02 179	2.6E-03 995	5.5E-06 0
01:49----02:49	3.6E-02 15 300	1.9E-02 181	2.9E-03 995	7.2E-06 0
02:04----03:04	3.3E-02 15 301	1.8E-02 183	4.0E-03 995	1.0E-05 0
02:19----03:19	2.9E-02 15 300	1.7E-02 183	5.5E-03 995	1.3E-05 1
02:34----03:34	2.6E-02 15 301	1.3E-02 184	8.7E-03 995	1.5E-05 1
02:49----03:49	2.1E-02 15 302	1.0E-02 184	1.1E-02 995	1.3E-05 1
03:04----04:04	1.7E-02 15 302	6.6E-03 184	1.2E-02 995	1.1E-05 1
03:19----04:19	1.8E-02 15 304	6.6E-03 185	1.1E-02 995	8.3E-06 1
03:34----04:34	1.8E-02 15 300	6.6E-03 185	1.0E-02 995	7.7E-06 0
03:49----04:49	2.0E-02 15 330	6.4E-03 184	9.3E-03 995	9.1E-06 0
04:04----05:04	2.2E-02 15 11	7.7E-03 184	7.8E-03 995	1.0E-05 0
04:19----05:19	2.4E-02 15 19	1.1E-02 184	6.0E-03 995	1.1E-05 0

THUNDER BAY #37, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
04:34-----05:34	2.9E-02 15 29	1.5E-02 184	3.0E-03 995	9.8E-06 0
04:49-----05:49	3.0E-02 15 24	1.7E-02 185	1.4E-03 995	1.0E-05 0
05:04-----06:04	3.0E-02 15 36	1.8E-02 186	7.1E-04 995	9.1E-06 0
05:19-----06:19	2.9E-02 14 143	1.9E-02 187	4.3E-04 995	9.9E-06 0
05:34-----06:34	2.8E-02 14 113	2.4E-02 187	3.1E-04 995	1.2E-05 0
05:49-----06:49	3.0E-02 14 25	4.5E-02 187	1.9E-04 995	2.3E-05 0
06:04-----07:04	3.0E-02 14 23	6.6E-02 185	2.7E-06 995	1.2E-04 0
06:19-----07:19	3.2E-02 14 24	8.6E-02 184	1.1E-06 995	3.4E-04 0
06:34-----07:34	3.4E-02 14 24	1.1E-01 184	1.0E-05 995	7.2E-04 0
06:49-----07:49	3.6E-02 14 24	1.4E-01 184	2.0E-05 995	1.2E-03 0
07:04-----08:04	4.3E-02 15 25	1.6E-01 184	7.7E-05 995	1.8E-03 0
07:19-----08:19	4.7E-02 15 35	2.0E-01 183	1.7E-04 995	2.4E-03 0
07:34-----08:34	5.4E-02 15 39	2.1E-01 181	3.5E-04 995	3.0E-03 1
07:49-----08:49	6.1E-02 16 42	2.2E-01 178	5.9E-04 995	3.6E-03 1

THUNDER BAY #37, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
08:04----09:04	6.9E-02 16 48	2.3E-01 174	9.3E-04 995	4.2E-03 1

STATISTICS

NUMBER OF READINGS 448

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	9.25E-03	1.02E-01	4.46E-02	2.10E-02	3.94E-02	1.68E+00
NO	2.63E-03	3.06E-01	5.98E-02	7.17E-02	2.94E-02	3.42E+00
OZONE	1.00E-06	2.56E-02	3.94E-03	5.57E-03	2.99E-04	3.83E-01
SOLAR RAD	1.00E-06	7.57E-03	6.74E-04	1.54E-03	2.17E-05	1.44E+01
TEMP	14	20	16	1		
HUMIDITY	86	193	171	23	169	
BAROMETER	995	995	995	0	995	
WIND SPEED	0	6	1	1	0	18

MAXIMUM AVERAGE

NO2	7.34E-02
NO	2.26E-01
OZONE	1.18E-02
SOLAR RAD	4.15E-03
TEMP	19
HUMIDITY	187
BAROMETER	995
WIND SPEED	2
WIND DIRECTION	359

THUNDER BAY #39

DATE: AUG 21 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: MONTREAL & NEEBING STS (X2920-Y5830); 1.0KM & 005 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
16:29----17:29	3.0E-02 26 197	1.0E-02 68	5.4E-02 990	1.5E-04 24
16:44----17:44	3.0E-02 26 206	1.0E-02 67	5.3E-02 990	1.4E-04 24
16:59----17:59	2.9E-02 26 209	1.1E-02 65	5.3E-02 990	1.3E-04 23
17:14----18:14	2.8E-02 26 209	1.1E-02 63	5.3E-02 990	1.4E-04 20
17:29----18:29	2.6E-02 27 208	1.1E-02 62	5.3E-02 990	1.5E-04 17
17:44----18:44	2.3E-02 27 199	1.1E-02 62	5.4E-02 989	1.6E-04 15
17:59----18:59	2.1E-02 26 191	1.1E-02 64	5.3E-02 989	1.5E-04 15
18:14----19:14	1.6E-02 26 181	1.1E-02 67	5.4E-02 989	1.4E-04 15
18:29----19:29	1.6E-02 25 174	1.2E-02 71	5.2E-02 989	1.3E-04 16
18:44----19:44	1.7E-02 25 172	1.2E-02 75	5.1E-02 989	1.2E-04 16
18:59----19:59	1.9E-02 24 171	1.2E-02 78	5.0E-02 989	1.0E-04 16
19:14----20:14	2.2E-02 24 174	1.2E-02 81	4.8E-02 989	8.7E-05 16

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
19:29----20:29	2.5E-02 23 181	1.2E-02 83	4.8E-02 988	6.3E-05 14
19:44----20:44	2.5E-02 23 182	1.2E-02 86	4.8E-02 988	4.7E-05 13
19:59----20:59	2.5E-02 23 182	1.1E-02 89	4.9E-02 988	2.6E-05 14
20:14----21:14	2.4E-02 23 186	1.1E-02 85	5.0E-02 987	1.5E-05 12
20:29----21:29	2.6E-02 23 188	1.0E-02 85	5.0E-02 987	9.4E-06 13
20:44----21:44	2.9E-02 22 198	8.9E-03 85	4.9E-02 987	5.7E-06 12
20:59----21:59	3.3E-02 22 215	8.0E-03 85	4.9E-02 987	7.0E-06 10
21:14----22:14	3.7E-02 23 217	7.1E-03 90	5.0E-02 987	9.6E-06 11
21:29----22:29	3.1E-02 23 225	6.7E-03 88	5.2E-02 988	1.0E-05 12
21:44----22:44	2.9E-02 23 226	6.2E-03 86	5.5E-02 988	1.2E-05 15
21:59----22:59	2.5E-02 23 218	6.0E-03 84	5.5E-02 988	1.2E-05 18
22:14----23:14	2.3E-02 24 215	5.4E-03 83	5.6E-02 988	1.1E-05 21

STATISTICS

NUMBER OF READINGS 167

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.39E-01	2.59E-02	1.43E-02	2.19E-02	2.51E+00
NO	2.55E-03	3.39E-02	9.48E-03	3.77E-03	8.77E-03	1.51E+00
OZONE	2.71E-02	6.18E-02	5.19E-02	4.98E-03	5.17E-02	1.11E+00
SOLAR RAD	1.00E-06	1.99E-04	7.51E-05	6.52E-05	3.02E-05	5.98E+00
TEMP	22	27	24	2		
HUMIDITY	19	97	77	12	76	1
BAROMETER	986	990	988	1	988	1
WIND SPEED	2	41	17	7	16	2

MAXIMUM
AVERAGE

NO2	3.67E-02
NO	1.19E-02
OZONE	5.62E-02
SOLAR RAD	1.55E-04
TEMP	27
HUMIDITY	90
BAROMETER	990
WIND SPEED	24
WIND DIRECTION	226

THUNDER BAY #41

DATE: AUG 22 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: MT MCKAY SKI HILL (X2950-Y5690): 0.6KM & 140 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
10:49-----11:49	2.5E-02 16 316	2.4E-02 54	1.9E-02 798	3.1E-02 6
11:04-----12:04	2.0E-02 17 322	1.8E-02 46	2.0E-02 798	3.8E-02 6
11:19-----12:19	1.4E-02 17 330	1.4E-02 43	2.3E-02 798	4.5E-02 7
11:34-----12:34	2.4E-02 21 334	1.7E-02 49	2.8E-02 948	5.7E-02 9
11:49-----12:49	1.9E-02 22 335	2.2E-02 50	3.0E-02 998	6.4E-02 9
12:04-----13:04	2.1E-02 22 335	2.2E-02 49	3.0E-02 998	6.0E-02 9
12:19-----13:19	2.8E-02 23 341	2.7E-02 46	2.8E-02 998	6.4E-02 8
12:34-----13:34	2.0E-02 23 343	2.9E-02 45	2.8E-02 998	5.8E-02 7
12:49-----13:49	1.8E-02 23 349	2.6E-02 44	2.8E-02 998	5.3E-02 6
13:04-----14:04	1.7E-02 23 359	2.9E-02 41	2.8E-02 998	5.7E-02 5
13:19-----14:19	1.3E-02 23 2	2.4E-02 40	2.9E-02 998	5.2E-02 4
13:34-----14:34	1.4E-02 24 0	2.8E-02 38	3.0E-02 998	5.4E-02 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
13:49-----14:49	2.0E-02 24 15	2.8E-02 38	3.1E-02 998	5.0E-02 3
14:04-----15:04	1.8E-02 24 8	2.7E-02 38	3.1E-02 998	5.1E-02 3
14:19-----15:19	1.9E-02 24 13	3.5E-02 37	3.2E-02 998	5.4E-02 3

STATISTICS

NUMBER OF READINGS 283

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	3.03E-01	1.92E-02	3.40E-02	5.20E-04	1.06E+02
NO	1.00E-06	1.94E-01	2.57E-02	3.38E-02	1.06E-02	8.72E+00
OZONE	1.00E-06	3.90E-02	2.79E-02	7.34E-03	1.86E-02	8.00E+00
SOLAR RAD	1.00E-06	9.84E-02	5.00E-02	2.49E-02	2.96E-02	9.24E+00
TEMP	0	28	22	5		
HUMIDITY	0	95	45	16	22	35
BAROMETER	0	999	956	201	414	66
WIND SPEED	0	19	6	5	2	51

MAXIMUM
AVERAGE

NO2	2.77E-02
NO	3.51E-02
OZONE	3.16E-02
SOLAR RAD	6.39E-02
TEMP	24
HUMIDITY	54
BAROMETER	998
WIND SPEED	9
WIND DIRECTION	359

THUNDER BAY #42

DATE: AUG 22 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: MERYLE AVE AT RR TRACKS (X2810-Y5850); 1.5KM & 315 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
16:08----17:08	7.1E-03 22 108	7.7E-03 48	3.3E-02 998	3.8E-02 13
16:23----17:23	7.9E-03 22 114	7.9E-03 50	3.1E-02 998	3.8E-02 12
16:38----17:38	1.2E-02 22 121	7.3E-03 51	3.1E-02 998	3.7E-02 10
16:53----17:53	1.1E-02 22 134	9.9E-03 51	3.1E-02 998	3.8E-02 10
17:08----18:08	1.1E-02 22 145	9.8E-03 51	3.0E-02 998	3.2E-02 8
17:23----18:23	9.2E-03 21 147	1.6E-02 54	3.1E-02 998	2.9E-02 8
17:38----18:38	3.7E-03 21 152	1.8E-02 56	3.1E-02 998	2.3E-02 7
17:53----18:53	1.2E-02 20 155	2.1E-02 58	3.1E-02 998	1.7E-02 6
18:08----19:08	1.2E-02 20 159	3.5E-02 60	3.1E-02 998	1.5E-02 5
18:23----19:23	1.1E-02 19 159	3.0E-02 60	3.1E-02 998	1.4E-02 4
18:38----19:38	1.5E-02 19 144	2.7E-02 61	2.9E-02 998	1.2E-02 4
18:53----19:53	7.2E-03 19 121	2.1E-02 64	2.7E-02 998	1.0E-02 4

THUNDER BAY #42, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
19:08----20:08	1.3E-02 18 111	7.9E-03 69	2.4E-02 998	7.8E-03 5
19:23----20:23	1.5E-02 18 99	7.2E-03 75	2.2E-02 998	5.0E-03 7
19:38----20:38	1.4E-02 17 98	7.5E-03 84	2.0E-02 998	3.2E-03 8
19:53----20:53	1.5E-02 17 100	7.9E-03 92	1.8E-02 998	2.0E-03 8
20:08----21:08	1.4E-02 16 101	6.5E-03 97	1.8E-02 997	1.0E-03 8
20:23----21:23	1.5E-02 16 104	5.4E-03 100	1.7E-02 997	4.2E-04 7
20:38----21:38	1.5E-02 16 104	1.4E-02 100	1.6E-02 998	1.5E-04 5
20:53----21:53	1.8E-02 16 102	1.7E-02 98	1.5E-02 998	4.4E-05 4
21:08----22:08	2.3E-02 16 101	2.3E-02 98	1.2E-02 998	1.8E-05 2
21:23----22:23	2.7E-02 16 110	2.4E-02 98	1.2E-02 998	1.7E-05 2
21:38----22:38	2.8E-02 16 104	1.7E-02 99	1.2E-02 999	1.6E-05 3
21:53----22:53	2.4E-02 16 98	1.4E-02 100	1.3E-02 999	1.5E-05 4
22:08----23:08	2.2E-02 16 91	9.1E-03 102	1.5E-02 999	1.5E-05 5
22:23----23:23	2.0E-02 16 83	8.5E-03 106	1.4E-02 998	1.2E-05 6

THUNDER BAY #42, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
22:38----23:38	2.3E-02 16 79	9.0E-03 110	1.3E-02 998	1.3E-05 7
22:53----23:53	2.3E-02 16 86	7.8E-03 112	1.3E-02 998	1.6E-05 8
23:08----00:08	1.9E-02 15 86	7.0E-03 115	1.4E-02 998	1.7E-05 9
23:23----00:23	1.6E-02 15 84	5.9E-03 117	1.5E-02 997	1.8E-05 11
23:38----00:38	1.3E-02 15 94	7.3E-03 119	1.6E-02 998	2.0E-05 13
23:53----00:53	1.4E-02 15 102	7.6E-03 121	1.7E-02 998	1.7E-05 15
00:08----01:08	1.3E-02 15 113	8.3E-03 121	1.9E-02 998	1.8E-05 20
00:23----01:23	1.2E-02 14 119	8.1E-03 122	2.0E-02 998	1.9E-05 22
00:38----01:38	9.2E-03 14 119	4.9E-03 123	2.1E-02 999	1.6E-05 21
00:53----01:53	6.6E-03 14 114	4.8E-03 126	2.2E-02 998	1.8E-05 21
01:08----02:08	5.2E-03 14 109	4.0E-03 126	2.2E-02 998	1.9E-05 19
01:23----02:23	4.7E-03 14 106	4.0E-03 125	2.2E-02 998	1.9E-05 18
01:38----02:38	4.0E-03 13 107	4.6E-03 125	2.2E-02 997	1.9E-05 20
01:53----02:53	4.0E-03 13 110	4.1E-03 128	2.2E-02 997	1.6E-05 21

THUNDER BAY #42, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
02:08-----03:08	4.2E-03 13 108	4.0E-03 133	2.1E-02 997	1.9E-05 20
02:23-----03:23	5.1E-03 13 106	4.0E-03 138	2.0E-02 997	2.3E-05 20
02:38-----03:38	4.8E-03 13 101	3.4E-03 141	2.1E-02 996	2.6E-05 19
02:53-----03:53	4.1E-03 13 97	6.0E-03 141	2.0E-02 996	3.0E-05 19
03:08-----04:08	3.6E-03 13 95	5.7E-03 139	2.0E-02 996	2.8E-05 19
03:23-----04:23	3.0E-03 13 95	6.1E-03 139	2.0E-02 996	2.5E-05 17
03:38-----04:38	3.9E-03 13 99	6.4E-03 139	1.9E-02 996	2.3E-05 16
03:53-----04:53	3.8E-03 13 101	5.0E-03 144	1.9E-02 996	1.8E-05 14
04:08-----05:08	4.1E-03 13 107	5.6E-03 152	1.8E-02 996	1.8E-05 13
04:23-----05:23	5.2E-03 13 103	7.4E-03 162	1.8E-02 996	2.0E-05 14
04:38-----05:38	1.4E-02 13 101	1.0E-02 173	1.7E-02 995	2.2E-05 13
04:53-----05:53	1.4E-02 12 94	1.3E-02 178	1.7E-02 995	2.8E-05 14
05:08-----06:08	1.5E-02 12 90	1.2E-02 180	1.7E-02 995	2.7E-05 17
05:23-----06:23	1.3E-02 13 89	1.0E-02 179	1.8E-02 995	2.5E-05 20

THUNDER BAY #42, CONT'D

PAGE 5

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
05:38----06:38	3.2E-03 13 87	7.4E-03 178	1.8E-02 994	2.4E-05 22
05:53----06:53	2.6E-03 12 86	3.6E-03 179	1.8E-02 994	2.2E-05 23
06:08----07:08	5.2E-03 12 82	6.3E-03 180	1.7E-02 994	2.4E-05 22
06:23----07:23	6.8E-03 12 82	7.2E-03 181	1.6E-02 995	3.2E-05 20
06:38----07:38	7.3E-03 12 83	7.6E-03 186	1.6E-02 995	5.6E-05 21
06:53----07:53	8.5E-03 12 84	7.8E-03 197	1.6E-02 994	1.1E-04 21
07:08----08:08	6.8E-03 12 86	5.8E-03 209	1.6E-02 994	1.9E-04 20
07:23----08:23	6.9E-03 12 85	6.0E-03 222	1.6E-02 994	3.4E-04 20
07:38----08:38	1.1E-02 12 82	6.5E-03 232	1.5E-02 994	4.9E-04 18
07:53----08:53	1.0E-02 12 80	6.6E-03 240	1.5E-02 994	6.4E-04 18
08:08----09:08	1.0E-02 12 80	6.6E-03 246	1.5E-02 994	8.6E-04 18
08:23----09:23	1.0E-02 12 79	6.0E-03 250	1.5E-02 994	1.1E-03 19

STATISTICS

NUMBER OF READINGS 414

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	2.05E-01	1.10E-02	1.87E-02	2.48E-03	2.18E+01
NO	1.53E-03	3.23E-01	9.63E-03	2.20E-02	5.88E-03	2.13E+00
OZONE	2.90E-03	3.75E-02	2.01E-02	6.66E-03	1.89E-02	1.44E+00
SOLAR RAD	1.00E-06	9.02E-02	5.53E-03	1.27E-02	1.52E-04	2.13E+01
TEMP	11	24	15	3		
HUMIDITY	40	256	127	56	114	2
BAROMETER	993	999	997	2	997	1
WIND SPEED	0	39	14	8	9	6

MAXIMUM
AVERAGE

NO2	2.78E-02
NO	3.53E-02
OZONE	3.30E-02
SOLAR RAD	3.82E-02
TEMP	22
HUMIDITY	250
BAROMETER	999
WIND SPEED	23
WIND DIRECTION	159

THUNDER BAY #43

DATE: AUG 23 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 60 MIN
 LOCATION:
 VICTOR AVE, 1KM S OF BROADWAY (X2710-Y5720); 2.0KM & 265 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
11:00----12:00	1.8E-02 12 84	1.7E-02 242	1.6E-02 992	6.8E-03 8
11:15----12:15	1.7E-02 12 83	1.5E-02 237	1.7E-02 992	8.5E-03 9
11:30----12:30	1.6E-02 12 83	1.2E-02 235	1.8E-02 991	9.7E-03 10
11:45----12:45	1.6E-02 12 85	1.1E-02 232	1.8E-02 991	9.1E-03 9
12:00----13:00	1.7E-02 12 80	1.3E-02 231	1.7E-02 991	8.7E-03 8
12:15----13:15	1.8E-02 12 83	1.3E-02 229	1.7E-02 991	8.6E-03 10
12:30----13:30	1.7E-02 12 84	1.3E-02 229	1.7E-02 991	8.9E-03 11
12:45----13:45	1.6E-02 12 84	1.1E-02 228	1.7E-02 991	9.5E-03 12
13:00----14:00	1.5E-02 12 85	7.8E-03 226	1.8E-02 991	1.0E-02 13
13:15----14:15	1.5E-02 12 83	8.1E-03 225	1.7E-02 991	1.0E-02 12
13:30----14:30	1.5E-02 12 80	7.8E-03 224	1.8E-02 991	1.0E-02 13
13:45----14:45	1.5E-02 12 79	7.6E-03 224	1.8E-02 991	1.0E-02 12

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
14:00-----15:00	1.4E-02 12 79	8.7E-03 224	1.8E-02 991	9.1E-03 12
14:15-----15:15	1.3E-02 12 79	1.0E-02 226	1.9E-02 992	9.0E-03 10
14:30-----15:30	1.4E-02 13 83	1.4E-02 220	1.9E-02 992	8.7E-03 8
14:45-----15:45	1.4E-02 13 85	1.6E-02 215	1.9E-02 992	8.5E-03 7
15:00-----16:00	1.9E-02 13 85	2.3E-02 210	1.9E-02 992	8.7E-03 6

STATISTICS

NUMBER OF READINGS 308

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.94E-01	1.71E-02	1.60E-02	8.56E-03	1.08E+01
NO	2.54E-03	1.91E-01	1.43E-02	1.97E-02	1.06E-02	1.86E+00
OZONE	1.14E-02	2.22E-02	1.76E-02	1.96E-03	1.75E-02	1.12E+00
SOLAR RAD	2.09E-03	1.48E-02	8.80E-03	2.49E-03	8.33E-03	1.44E+00
TEMP	11	14	12	0		
HUMIDITY	195	267	226	13	226	1
BAROMETER	991	993	992	0	992	1
WIND SPEED	0	32	10	7	5	20

MAXIMUM
AVERAGE

NO2	1.89E-02
NO	2.34E-02
OZONE	1.94E-02
SOLAR RAD	1.04E-02
TEMP	13
HUMIDITY	242
BAROMETER	992
WIND SPEED	13
WIND DIRECTION	85

THUNDER BAY #44

DATE: AUG 23 1978
 SCAN TIME: 120 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: RIVERDALE RD. (X2620-Y5650); 3.0KM & 250 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
22:09----23:09	1.3E-02 13 126	1.7E-02 245	1.9E-02 991	2.3E-05 1
22:29----23:29	2.8E-02 13 118	2.2E-02 248	1.8E-02 990	3.1E-05 1
22:49----23:49	3.0E-02 13 109	2.0E-02 251	1.5E-02 990	3.2E-05 1
23:09----00:09	3.1E-02 13 108	2.1E-02 253	1.2E-02 990	3.2E-05 1
23:29----00:29	1.7E-02 13 103	1.4E-02 253	1.1E-02 990	2.9E-05 1
23:49----00:49	1.4E-02 13 110	1.5E-02 252	1.3E-02 990	2.7E-05 1
00:09----01:09	1.3E-02 13 114	1.1E-02 250	1.6E-02 990	2.6E-05 1
00:29----01:29	1.1E-02 12 120	1.1E-02 249	1.8E-02 990	2.8E-05 1
00:49----01:49	1.2E-02 12 112	1.1E-02 247	1.8E-02 990	2.9E-05 1
01:09----02:09	1.5E-02 12 101	1.6E-02 247	1.8E-02 990	2.9E-05 1
01:29----02:29	1.5E-02 12 106	1.7E-02 246	1.8E-02 990	2.7E-05 1
01:49----02:49	1.7E-02 12 119	1.9E-02 247	1.8E-02 990	2.7E-05 1

THUNDER BAY #44, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
02:09----03:09	1.2E-02 12 125	1.3E-02 248	1.8E-02 990	2.7E-05 1
02:29----03:29	1.3E-02 12 132	9.4E-03 248	1.9E-02 990	2.7E-05 1
02:49----03:49	1.0E-02 12 137	5.5E-03 246	1.9E-02 990	2.7E-05 1
03:09----04:09	1.6E-02 12 137	6.7E-03 246	1.9E-02 990	2.6E-05 1
03:29----04:29	1.3E-02 11 128	1.0E-02 246	1.8E-02 991	2.8E-05 0
03:49----04:49	1.2E-02 12 135	1.3E-02 247	1.8E-02 991	2.9E-05 0
04:09----05:09	6.0E-03 12 121	1.4E-02 247	1.7E-02 991	2.9E-05 0
04:29----05:29	6.1E-03 11 135	1.5E-02 248	1.7E-02 991	3.0E-05 0
04:49----05:49	7.8E-03 11 136	1.7E-02 249	1.6E-02 991	3.0E-05 0
05:09----06:09	1.1E-02 12 109	2.4E-02 251	1.5E-02 991	3.1E-05 0
05:29----06:29	2.2E-02 12 48	3.3E-02 250	1.3E-02 991	3.2E-05 0
05:49----06:49	2.9E-02 12 48	4.2E-02 249	1.1E-02 991	3.2E-05 0
06:09----07:09	3.0E-02 12 45	4.5E-02 245	1.2E-02 992	4.4E-05 0
06:29----07:29	2.8E-02 12 64	4.0E-02 241	1.2E-02 992	7.3E-05 0

THUNDER BAY #44, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
06:49-----07:49	2.2E-02 12 63	3.9E-02 240	1.1E-02 992	1.4E-04 0
07:09-----08:09	3.1E-02 12 75	4.7E-02 239	7.6E-03 992	8.6E-04 0
07:29-----08:29	2.6E-02 12 290	6.0E-02 236	4.2E-03 992	2.2E-03 0
07:49-----08:49	3.2E-02 13 140	6.2E-02 229	3.7E-03 992	4.5E-03 0
08:09-----09:09	3.0E-02 13 69	5.9E-02 216	5.4E-03 992	6.7E-03 0

STATISTICS

NUMBER OF READINGS 335

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.87E-01	1.89E-02	2.85E-02	2.23E-03	4.62E-01
NO	2.18E-03	3.10E-01	2.54E-02	3.26E-02	1.49E-02	2.75E+00
OZONE	1.08E-03	2.19E-02	1.43E-02	5.28E-03	1.28E-02	1.75E+00
SOLAR RAD	1.00E-06	1.26E-02	8.36E-04	2.28E-03	6.12E-05	6.47E+00
TEMP	11	14	12	1		
HUMIDITY	179	255	243	13	243	
BAROMETER	989	993	991	1	991	
WIND SPEED	0	7	1	1	0	7

MAXIMUM
AVERAGE

NO2	3.15E-02
NO	6.16E-02
OZONE	1.91E-02
SOLAR RAD	6.74E-03
TEMP	13
HUMIDITY	253
BAROMETER	992
WIND SPEED	1
WIND DIRECTION	290

THUNDER BAY #45

DATE: AUG 24 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: MILES & MAY STS (X3375-Y6140): 6.1KM & 045 DGS/SRC

TIME	N02 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
11:24-----12:24	2.2E-02 15 96	2.3E-02 127	2.2E-02 996	2.1E-02 3
11:34-----12:34	2.2E-02 15 101	2.2E-02 128	2.2E-02 996	2.2E-02 3
11:44-----12:44	2.3E-02 15 107	2.2E-02 129	2.2E-02 996	2.2E-02 2
11:54-----12:54	2.0E-02 15 105	2.4E-02 130	2.2E-02 996	2.1E-02 2
12:04-----13:04	1.9E-02 15 121	2.6E-02 132	2.2E-02 996	2.0E-02 2
12:14-----13:14	2.1E-02 15 125	2.7E-02 134	2.1E-02 996	1.9E-02 2
12:24-----13:24	1.8E-02 15 128	4.4E-02 135	2.0E-02 996	2.0E-02 2
12:34-----13:34	1.8E-02 15 127	4.6E-02 135	2.0E-02 996	2.0E-02 2
12:44-----13:44	1.7E-02 15 122	4.8E-02 135	2.0E-02 997	2.0E-02 2
12:54-----13:54	1.7E-02 15 120	4.6E-02 137	1.9E-02 997	2.1E-02 3
13:04-----14:04	1.6E-02 15 120	4.5E-02 137	1.9E-02 997	2.2E-02 3
13:14-----14:14	1.7E-02 15 124	4.4E-02 137	1.8E-02 997	2.3E-02 3

THUNDER BAY #45, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
13:24----14:24	1.6E-02 16 121	2.9E-02 137	1.8E-02 997	2.4E-02 3
13:34----14:34	1.7E-02 16 125	3.0E-02 135	1.8E-02 997	2.5E-02 3

STATISTICS

NUMBER OF READINGS 78

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	6.04E-02	1.85E-02	1.37E-02	5.14E-03	2.83E-01
NO	1.06E-02	3.84E-01	3.17E-02	4.20E-02	2.61E-02	1.63E-00
OZONE	1.23E-02	2.61E-02	2.02E-02	3.20E-03	1.99E-02	1.19E-00
SOLAR RAD	1.66E-02	3.29E-02	2.23E-02	3.67E-03	2.20E-02	1.18E+00
TEMP	14	17	15	1		
HUMIDITY	112	150	132	7	132	
BAROMETER	995	997	996	0	996	
WIND SPEED	0	7	3	2	2	

MAXIMUM
AVERAGE

NO2	2.27E-02
NO	4.76E-02
OZONE	2.20E-02
SOLAR RAD	2.51E-02
TEMP	16
HUMIDITY	137
BAROMETER	997
WIND SPEED	3
WIND DIRECTION	128

THUNDER BAY #46

DATE: AUG 24 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: MCKELLAR & VICTORIA STS (X3345-Y6130); 5.9KM & 045 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
14:57----15:57	3.4E-02 17 111	5.3E-02 113	1.6E-02 996	2.5E-02 4
15:12----16:12	3.3E-02 17 107	4.8E-02 115	1.7E-02 996	2.4E-02 5
15:27----16:27	3.6E-02 17 103	4.0E-02 115	1.7E-02 996	2.3E-02 6
15:42----16:42	3.5E-02 16 97	3.8E-02 118	1.7E-02 996	2.3E-02 6
15:57----16:57	3.9E-02 17 95	5.4E-02 117	1.6E-02 996	2.3E-02 5
16:12----17:12	3.1E-02 17 96	5.5E-02 120	1.5E-02 996	2.2E-02 5
16:27----17:27	3.1E-02 16 104	5.7E-02 127	1.4E-02 996	2.2E-02 4
16:42----17:42	3.8E-02 16 109	6.8E-02 129	1.2E-02 996	1.9E-02 3
16:57----17:57	2.2E-02 16 111	6.0E-02 134	1.2E-02 996	1.8E-02 4
17:12----18:12	2.3E-02 16 111	5.9E-02 138	1.1E-02 996	1.6E-02 3
17:27----18:27	2.2E-02 16 100	6.3E-02 139	1.1E-02 996	1.5E-02 3
17:42----18:42	2.1E-02 16 103	5.5E-02 137	1.1E-02 996	1.4E-02 2

THUNDER BAY #46, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
17:57-----18:57	2.5E-02 17 101	4.4E-02 136	9.9E-03 996	1.3E-02 2
18:12-----19:12	2.5E-02 17 103	4.4E-02 135	9.4E-03 996	1.1E-02 1
18:27-----19:27	2.5E-02 17 114	4.5E-02 135	8.4E-03 996	8.8E-03 1
18:42-----19:42	2.9E-02 17 109	5.0E-02 135	8.9E-03 995	7.4E-03 1
18:57-----19:57	2.9E-02 17 112	6.3E-02 135	8.9E-03 995	5.9E-03 1
19:12-----20:12	2.7E-02 17 126	6.8E-02 134	8.6E-03 995	4.6E-03 0
19:27-----20:27	2.5E-02 17 118	6.4E-02 136	8.6E-03 995	3.3E-03 0
19:42-----20:42	1.6E-02 16 117	5.5E-02 141	8.3E-03 995	2.1E-03 1
19:57-----20:57	1.6E-02 16 108	4.6E-02 149	8.9E-03 996	1.3E-03 1
20:12-----21:12	1.8E-02 15 109	3.8E-02 157	7.8E-03 996	7.0E-04 1
20:27-----21:27	2.5E-02 15 105	3.4E-02 162	6.7E-03 996	2.9E-04 1
20:42-----21:42	2.5E-02 15 72	3.7E-02 165	6.1E-03 996	1.2E-04 1

STATISTICS

NUMBER OF READINGS 167

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.75E-01	2.69E-02	3.30E-02	3.72E-03	5.10E+01
NO	1.29E-02	2.84E-01	5.03E-02	3.90E-02	4.09E-02	1.84E+00
OZONE	7.76E-04	2.22E-02	1.11E-02	4.88E-03	9.81E-03	1.74E+00
SOLAR RAD	3.32E-05	2.95E-02	1.23E-02	9.68E-03	4.50E-03	8.54E+00
TEMP	15	18	16	1		
HUMIDITY	106	174	136	18	135	1
BAROMETER	995	997	996	0	996	1
WIND SPEED	0	14	3	3	0	137

MAXIMUM
AVERAGE

NO2	3.85E-02
NO	6.79E-02
OZONE	1.74E-02
SOLAR RAD	2.49E-02
TEMP	17
HUMIDITY	165
BAROMETER	996
WIND SPEED	6
WIND DIRECTION	126

THUNDER BAY #48

DATE: AUG 24 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: M.O.E. LAB (X3040-Y6070); 3.5KM @ 020 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
22:27----23:27	2.1E-02 16 113	7.2E-03 163	5.1E-03 997	8.9E-06 1
22:42----23:42	1.8E-02 16 113	6.2E-03 163	6.8E-03 997	1.5E-05 2
22:57----23:57	1.8E-02 16 114	5.7E-03 162	7.3E-03 997	1.9E-05 1
23:12----00:12	1.8E-02 16 114	6.2E-03 163	6.8E-03 997	2.1E-05 0
23:27----00:27	2.1E-02 16 111	7.5E-03 162	5.3E-03 997	2.1E-05 0
23:42----00:42	2.3E-02 16 93	8.9E-03 163	4.0E-03 997	2.0E-05 0
23:57----00:57	2.4E-02 16 345	1.0E-02 166	2.9E-03 997	2.0E-05 0
00:12----01:12	2.5E-02 16 349	1.2E-02 168	2.1E-03 997	2.1E-05 0
00:27----01:27	2.5E-02 15 351	1.3E-02 170	2.0E-03 997	2.3E-05 0
00:42----01:42	2.5E-02 16 320	1.5E-02 170	1.5E-03 997	2.2E-05 0
00:57----01:57	2.7E-02 16 38	1.7E-02 170	8.2E-04 997	2.1E-05 0
01:12----02:12	2.7E-02 16 39	1.8E-02 170	1.0E-03 997	2.1E-05 0

THUNDER BAY #48, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
01:27-----02:27	2.7E-02 15 39	1.6E-02 170	1.4E-03 997	2.1E-05 0
01:42-----02:42	2.7E-02 16 37	1.4E-02 169	1.4E-03 997	2.1E-05 0
01:57-----02:57	2.7E-02 16 40	1.2E-02 167	1.3E-03 997	2.2E-05 0
02:12-----03:12	2.8E-02 16 2	1.0E-02 164	1.2E-03 997	2.2E-05 0
02:27-----03:27	2.8E-02 16 24	9.6E-03 164	1.1E-03 997	2.2E-05 0
02:42-----03:42	2.8E-02 16 24	9.4E-03 164	1.3E-03 996	2.1E-05 0
02:57-----03:57	2.8E-02 16 31	1.1E-02 167	1.2E-03 996	2.0E-05 0
03:12-----04:12	2.7E-02 16 31	1.2E-02 171	1.1E-03 996	1.8E-05 0
03:27-----04:27	2.5E-02 15 34	1.2E-02 175	1.2E-03 996	1.8E-05 0
03:42-----04:42	2.4E-02 15 34	1.2E-02 179	1.4E-03 996	1.8E-05 0
03:57-----04:57	2.0E-02 15 34	1.0E-02 181	2.5E-03 996	2.0E-05 0
04:12-----05:12	1.9E-02 15 35	9.3E-03 181	3.5E-03 996	2.1E-05 0
04:27-----05:27	1.8E-02 15 36	9.7E-03 179	3.9E-03 996	2.0E-05 0
04:42-----05:42	1.6E-02 15 309	9.4E-03 180	4.4E-03 996	2.0E-05 0

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
04:57-----05:57	1.5E-02 15 309	9.2E-03 182	4.5E-03 996	2.0E-05 0
05:12-----06:12	1.4E-02 15 301	9.1E-03 189	4.8E-03 996	1.9E-05 0
05:27-----06:27	1.4E-02 15 286	8.9E-03 196	4.7E-03 996	1.8E-05 0
05:42-----06:42	1.6E-02 15 279	1.3E-02 201	3.9E-03 997	1.8E-05 0
05:57-----06:57	1.7E-02 15 279	1.5E-02 205	2.8E-03 996	2.2E-05 0
06:12-----07:12	1.9E-02 15 281	1.5E-02 202	1.6E-03 997	4.2E-05 0
06:27-----07:27	2.0E-02 15 57	1.7E-02 199	7.7E-04 997	1.6E-04 0
06:42-----07:42	2.1E-02 15 43	1.6E-02 195	5.6E-04 997	3.7E-04 0
06:57-----07:57	2.2E-02 15 17	2.8E-02 193	4.4E-04 997	3.4E-04 0
07:12-----08:12	2.5E-02 15 31	4.7E-02 193	1.2E-04 997	1.5E-03 0
07:27-----08:27	2.6E-02 15 36	5.7E-02 195	1.5E-04 997	2.2E-03 1
07:42-----08:42	2.7E-02 16 36	6.2E-02 194	2.3E-04 997	3.2E-03 1

STATISTICS

NUMBER OF READINGS 414

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	2.52E-03	4.88E-02	2.26E-02	6.03E-03	2.17E-02	1.35E+00
NO	3.91E-03	1.27E-01	1.67E-02	1.82E-02	1.24E-02	1.95E+00
OZONE	1.00E-06	9.86E-03	2.50E-03	2.51E-03	9.46E-04	8.79E+00
SOLAR RAD	1.00E-06	6.19E-03	3.87E-04	1.04E-03	3.59E-05	6.35E+00
TEMP	15	16	15	0		
HUMIDITY	157	211	178	15	177	1
BAROMETER	996	997	997	0	997	1
WIND SPEED	0	4	0	1	0	316

MAXIMUM
AVERAGE

NO2	2.81E-02
NO	6.22E-02
OZONE	7.29E-03
SOLAR RAD	3.17E-03
TEMP	16
HUMIDITY	205
BAROMETER	997
WIND SPEED	2
WIND DIRECTION	351

THUNDER BAY #50

DATE: AUG 25 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: NEEBING & MONTREAL STS (X2920-Y5830); 1.0KM & 005 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
23:28----00:28	2.9E-02 14 335	6.8E-02 248	1.5E-04 992	8.7E-06 1
23:43----00:43	2.6E-02 13 358	6.3E-02 245	1.5E-04 992	1.1E-05 1
23:58----00:58	2.5E-02 13 43	6.5E-02 246	6.9E-05 992	1.3E-05 0
00:13----01:13	2.5E-02 14 17	6.7E-02 248	3.2E-04 992	1.5E-05 0
00:28----01:28	2.2E-02 14 106	6.1E-02 254	1.7E-03 992	1.4E-05 0
00:43----01:43	2.1E-02 14 112	5.6E-02 264	3.8E-03 992	1.6E-05 0
00:58----01:58	2.0E-02 14 119	5.0E-02 267	5.3E-03 992	1.4E-05 0
01:13----02:13	2.3E-02 14 141	4.5E-02 268	5.6E-03 992	1.4E-05 0
01:28----02:28	2.4E-02 14 238	4.6E-02 265	5.6E-03 992	1.5E-05 0
01:43----02:43	2.2E-02 14 269	4.4E-02 255	6.7E-03 992	1.6E-05 0
01:58----02:58	2.3E-02 14 274	5.2E-02 248	6.4E-03 992	1.8E-05 0
02:13----03:13	2.0E-02 14 96	5.1E-02 243	7.6E-03 992	1.7E-05 0

THUNDER BAY #50, CONT'D

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
02:28----03:28	1.9E-02 14 73	4.8E-02 239	9.2E-03 992	1.8E-05 0
02:43----03:43	2.0E-02 14 72	4.6E-02 237	1.1E-02 992	1.8E-05 0
02:58----03:58	1.7E-02 14 91	3.2E-02 242	1.5E-02 992	1.6E-05 1
03:13----04:13	1.5E-02 14 95	2.8E-02 251	1.8E-02 992	1.7E-05 2
03:28----04:28	1.3E-02 13 105	2.4E-02 261	2.2E-02 992	1.7E-05 3
03:43----04:43	1.1E-02 13 118	1.9E-02 273	2.6E-02 993	1.7E-05 4
03:58----04:58	9.6E-03 13 125	1.5E-02 280	2.8E-02 993	1.9E-05 4
04:13----05:13	8.0E-03 13 132	1.4E-02 281	3.1E-02 993	2.0E-05 4
04:28----05:28	8.1E-03 13 142	1.5E-02 278	3.1E-02 993	2.0E-05 3
04:43----05:43	8.3E-03 13 147	1.6E-02 279	3.1E-02 993	2.0E-05 3
04:58----05:58	8.5E-03 13 155	1.6E-02 278	3.1E-02 994	2.0E-05 3
05:13----06:13	8.2E-03 13 153	1.5E-02 275	3.1E-02 994	1.9E-05 3
05:28----06:28	8.0E-03 13 157	1.2E-02 273	3.2E-02 994	2.0E-05 4
05:43----06:43	8.0E-03 13 160	1.1E-02 267	3.2E-02 994	2.0E-05 3

THUNDER BAY #50, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
05:58-----06:58	8.3E-03 13 154	1.2E-02 261	3.2E-02 994	3.1E-05 2
06:13-----07:13	8.9E-03 13 158	1.3E-02 255	3.2E-02 994	7.3E-05 2
06:28-----07:28	9.1E-03 14 155	1.6E-02 253	3.1E-02 994	2.1E-04 2
06:43-----07:43	9.0E-03 14 153	1.7E-02 255	3.1E-02 994	4.6E-04 2
06:58-----07:58	9.1E-03 14 152	1.8E-02 255	3.1E-02 994	7.3E-04 2
07:13-----08:13	9.0E-03 14 149	1.7E-02 258	3.0E-02 994	9.9E-04 2
07:28-----08:28	9.2E-03 14 147	1.9E-02 261	3.0E-02 994	1.3E-03 2
07:43-----08:43	1.0E-02 14 142	2.1E-02 259	2.9E-02 995	1.6E-03 1
07:58-----08:58	1.0E-02 14 147	2.1E-02 262	3.0E-02 995	2.2E-03 2
08:13-----09:13	1.0E-02 14 155	2.1E-02 264	3.0E-02 995	2.7E-03 2
08:28-----09:28	9.7E-03 14 154	1.9E-02 261	3.1E-02 995	3.4E-03 2
08:43-----09:43	8.8E-03 14 156	1.6E-02 262	3.2E-02 995	4.0E-03 4

STATISTICS

NUMBER OF READINGS 626

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.43E-01	1.50E-02	1.28E-02	9.71E-03	5.08E+00
NO	7.91E-03	2.16E-01	3.20E-02	2.50E-02	2.52E-02	1.95E+00
OZONE	1.00E-06	3.46E-02	1.99E-02	1.31E-02	5.92E-03	1.89E+01
SOLAR RAD	1.00E-06	6.77E-03	7.03E-04	1.44E-03	5.27E-05	1.06E+01
TEMP	13	14	14	0		
HUMIDITY	230	294	260	15	259	1
BAROMETER	991	995	993	1	993	1
WIND SPEED	0	9	2	2	0	590

MAXIMUM
AVERAGE

NO2	2.93E-02
NO	6.84E-02
OZONE	3.21E-02
SOLAR RAD	4.02E-03
TEMP	14
HUMIDITY	281
BAROMETER	995
WIND SPEED	4
WIND DIRECTION	358

THUNDER BAY #52

DATE: SEP 2 1978
 SCAN TIME: 300 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: MOE LAB, BACKGROUND DATA (X3040-Y6070); 3.5KM & 020 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
16:56----17:56	1.0E-02 -40 251	2.8E-03 0	3.4E-02 950	4.6E-02 26
17:06----18:06	1.0E-02 -40 251	2.8E-03 0	3.4E-02 950	4.3E-02 25
17:16----18:16	1.1E-02 -40 251	2.9E-03 0	3.3E-02 950	4.0E-02 22
17:26----18:26	1.1E-02 -40 251	2.7E-03 0	3.2E-02 950	4.0E-02 19
17:36----18:36	9.6E-03 -40 251	3.1E-03 0	3.2E-02 950	3.3E-02 18
17:46----18:46	9.1E-03 -40 251	3.0E-03 0	3.1E-02 950	2.6E-02 17
17:56----18:56	9.6E-03 -40 251	3.3E-03 0	3.0E-02 950	2.6E-02 15
18:06----19:06	1.1E-02 -40 251	4.4E-03 0	2.9E-02 950	2.3E-02 14
18:16----19:16	9.7E-03 -40 251	4.5E-03 0	2.9E-02 950	2.1E-02 14
18:26----19:26	8.0E-03 -40 251	4.9E-03 0	2.8E-02 950	1.7E-02 14
18:36----19:36	2.4E-02 -40 251	5.1E-03 0	2.7E-02 950	1.6E-02 13
18:46----19:46	2.5E-02 -40 251	5.1E-03 0	2.7E-02 950	1.6E-02 14

THUNDER BAY #52, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
18:56----19:56	2.4E-02 -40 251	4.9E-03 0	2.6E-02 950	1.3E-02 14
19:06----20:06	2.1E-02 -40 251	6.3E-03 0	2.5E-02 950	1.0E-02 14
19:16----20:16	2.2E-02 -40 251	6.9E-03 0	2.4E-02 950	7.0E-03 13
19:26----20:26	2.4E-02 -40 251	7.1E-03 0	2.4E-02 950	5.3E-03 14
19:36----20:36	7.7E-03 -40 251	6.5E-03 0	2.4E-02 950	4.6E-03 14
19:46----20:46	1.1E-02 -40 251	6.6E-03 0	2.3E-02 950	3.8E-03 13
19:56----20:56	1.6E-02 -40 251	1.3E-02 0	2.1E-02 950	1.9E-03 12
20:06----21:06	1.8E-02 -40 251	1.4E-02 0	1.9E-02 950	1.0E-03 11
20:16----21:16	2.0E-02 -40 251	1.5E-02 0	1.7E-02 950	4.4E-04 9
20:26----21:26	2.0E-02 -40 251	1.8E-02 0	1.5E-02 950	1.6E-04 7
20:36----21:36	2.2E-02 -40 251	1.9E-02 0	1.2E-02 950	5.9E-05 5
20:46----21:46	1.9E-02 -40 251	1.9E-02 0	1.2E-02 950	3.4E-05 6
20:56----21:56	1.4E-02 -40 251	1.4E-02 0	1.4E-02 950	2.2E-05 6
21:06----22:06	1.3E-02 -40 251	1.0E-02 0	1.6E-02 950	3.1E-05 9

THUNDER BAY #52, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
21:16----22:16	1.2E-02 -40 251	7.7E-03 0	1.7E-02 950	3.1E-05 10
21:26----22:26	1.1E-02 -40 251	6.2E-03 0	1.8E-02 950	3.3E-05 10
21:36----22:36	8.6E-03 -40 251	5.2E-03 0	1.8E-02 950	2.9E-05 10
21:46----22:46	7.9E-03 -40 251	6.1E-03 0	1.6E-02 950	2.2E-05 8
21:56----22:56	8.0E-03 -40 251	6.7E-03 0	1.4E-02 950	2.2E-05 7
22:06----23:06	8.7E-03 -40 251	1.7E-02 0	1.2E-02 950	1.2E-05 4
22:16----23:16	1.1E-02 -40 251	2.0E-02 0	1.2E-02 950	1.2E-05 4
22:26----23:26	1.4E-02 -40 251	2.3E-02 0	1.1E-02 950	1.0E-05 3
22:36----23:36	1.4E-02 -40 251	2.6E-02 0	1.1E-02 950	1.4E-05 3
22:46----23:46	1.7E-02 -40 251	2.7E-02 0	1.1E-02 950	1.2E-05 3
22:56----23:56	1.7E-02 -40 251	2.9E-02 0	1.0E-02 950	1.6E-05 3
23:06----00:06	1.9E-02 -40 251	2.2E-02 0	9.8E-03 950	1.7E-05 2
23:16----00:16	1.8E-02 -40 251	2.1E-02 0	9.4E-03 950	1.9E-05 2
23:26----00:26	1.9E-02 -40 251	1.9E-02 0	9.8E-03 950	2.1E-05 1

THUNDER BAY #52, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
23:36----00:36	2.3E-02 -40 251	1.7E-02 0	9.7E-03 950	2.1E-05 1
23:46----00:46	2.3E-02 -40 251	1.8E-02 0	9.4E-03 950	2.0E-05 1
23:56----00:56	2.5E-02 -40 251	1.7E-02 0	9.9E-03 950	1.9E-05 1
00:06----01:06	2.6E-02 -40 251	1.5E-02 0	1.1E-02 950	2.0E-05 1
00:16----01:16	2.6E-02 -40 251	1.6E-02 0	1.1E-02 950	1.7E-05 1
00:26----01:26	2.6E-02 -40 251	1.4E-02 0	1.0E-02 950	1.8E-05 1
00:36----01:36	2.3E-02 -40 251	1.6E-02 0	9.5E-03 950	2.2E-05 1
00:46----01:46	2.3E-02 -40 251	1.9E-02 0	8.7E-03 950	2.2E-05 0
00:56----01:56	2.7E-02 -40 251	2.1E-02 0	7.3E-03 950	2.1E-05 0
01:06----02:06	2.8E-02 -40 251	2.4E-02 0	5.9E-03 950	2.1E-05 0
01:16----02:16	3.3E-02 -40 251	2.6E-02 0	4.3E-03 950	2.2E-05 0

STATISTICS

NUMBER OF READINGS 112

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DE
NO2	1.00E-06	2.01E-01	1.76E-02	2.17E-02	6.82E-03	1.33E+01
NO	6.80E-04	1.16E-01	1.30E-02	1.53E-02	7.67E-03	2.87E+00
OZONE	1.63E-04	3.69E-02	1.80E-02	1.02E-02	1.42E-02	2.30E+00
SOLAR RAD	1.00E-06	5.70E-02	9.32E-03	1.64E-02	1.88E-04	4.28E+01
TEMP	-40	-40	-40	0		
HUMIDITY	0	0	0	0	0	
BAROMETER	950	950	950	0	950	
WIND SPEED	0	38	9	9	1	36

MAXIMUM
AVERAGE

NO2	3.25E-02
NO	2.86E-02
OZONE	3.41E-02
SOLAR RAD	4.63E-02
TEMP	0
HUMIDITY	0
BAROMETER	950
WIND SPEED	26
WIND DIRECTION	251

THUNDER BAY #53

DATE: SEP 3 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: MONTREAL & NEEBING STS. (X2920-Y5830); 1.0KM & 005 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
17:45----18:45	1.0E-02 20 172	9.9E-03 69	2.6E-02 995	3.6E-02 15
17:55----18:55	9.3E-03 20 172	1.0E-02 71	2.6E-02 995	3.4E-02 15
18:05----19:05	8.4E-03 19 167	9.5E-03 74	2.6E-02 995	3.1E-02 14
18:15----19:15	9.0E-03 19 165	9.6E-03 77	2.6E-02 995	2.9E-02 14
18:25----19:25	8.9E-03 19 165	1.0E-02 79	2.6E-02 995	2.6E-02 13
18:35----19:35	9.2E-03 18 166	1.1E-02 81	2.6E-02 995	2.3E-02 12
18:45----19:45	1.0E-02 18 167	1.2E-02 84	2.5E-02 995	2.0E-02 11
18:55----19:55	1.3E-02 18 173	1.3E-02 85	2.4E-02 995	1.7E-02 10
19:05----20:05	1.6E-02 18 178	1.9E-02 86	2.2E-02 995	1.4E-02 8
19:15----20:15	1.7E-02 17 184	2.0E-02 88	2.2E-02 995	1.1E-02 7
19:25----20:25	1.9E-02 17 190	2.1E-02 92	2.1E-02 995	8.6E-03 6
19:35----20:35	2.0E-02 17 193	2.2E-02 96	2.1E-02 994	6.0E-03 6

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
19:45----20:45	2.1E-02 16 195	2.2E-02 101	2.0E-02 994	4.2E-03 5
19:55----20:55	1.8E-02 16 183	2.1E-02 107	2.1E-02 994	2.5E-03 5
20:05----21:05	1.6E-02 16 177	1.6E-02 112	2.3E-02 994	1.3E-03 6
20:15----21:15	1.4E-02 15 176	1.4E-02 117	2.3E-02 994	4.7E-04 6
20:25----21:25	1.6E-02 15 181	1.4E-02 119	2.2E-02 994	2.0E-04 6
20:35----21:35	1.9E-02 15 190	1.5E-02 120	2.0E-02 994	7.5E-05 6
20:45----21:45	2.0E-02 15 192	1.5E-02 121	2.0E-02 994	2.1E-05 6
20:55----21:55	2.1E-02 15 194	1.5E-02 122	2.0E-02 994	5.9E-06 6
21:05----22:05	2.2E-02 14 201	1.5E-02 123	1.9E-02 994	4.6E-06 5
21:15----22:15	2.4E-02 14 209	1.7E-02 123	1.7E-02 994	5.5E-06 5
21:25----22:25	2.4E-02 14 211	1.7E-02 125	1.7E-02 994	3.9E-06 5
21:35----22:35	2.2E-02 14 213	1.7E-02 128	1.7E-02 994	3.6E-06 5
21:45----22:45	2.2E-02 14 218	1.9E-02 131	1.6E-02 994	4.2E-06 5
21:55----22:55	2.6E-02 14 225	2.1E-02 134	1.3E-02 994	4.2E-06 6

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
22:05----23:05	2.8E-02 14 228	2.5E-02 137	1.1E-02 994	4.2E-06 6
22:15----23:15	3.0E-02 14 228	2.6E-02 140	1.1E-02 994	3.9E-06 6
22:25----23:25	2.9E-02 14 227	2.7E-02 142	1.1E-02 994	4.5E-06 5
22:35----23:35	2.9E-02 14 229	2.7E-02 143	1.1E-02 994	4.5E-06 4
22:45----23:45	3.0E-02 14 230	3.3E-02 143	1.0E-02 993	3.6E-06 3
22:55----23:55	2.7E-02 13 234	3.9E-02 145	9.3E-03 993	3.9E-06 2
23:05----00:05	2.7E-02 13 236	3.5E-02 149	1.1E-02 993	4.9E-06 2
23:15----00:15	2.4E-02 13 237	3.3E-02 153	1.1E-02 993	4.3E-06 3
23:25----00:25	2.3E-02 13 235	3.4E-02 157	1.0E-02 993	3.6E-06 2
23:35----00:35	2.2E-02 13 238	3.7E-02 161	8.6E-03 993	3.3E-06 2
23:45----00:45	2.1E-02 13 239	4.2E-02 166	7.6E-03 993	3.6E-06 2
23:55----00:55	2.0E-02 12 244	4.2E-02 170	7.0E-03 993	3.6E-06 2
00:05----01:05	2.0E-02 12 246	5.4E-02 175	4.1E-03 993	5.0E-06 1
00:15----01:15	2.1E-02 12 276	6.9E-02 179	1.9E-03 993	7.6E-06 0

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
00:25----01:25	2.3E-02 11 339	7.8E-02 183	1.8E-04 993	1.1E-05 0
00:35----01:35	2.4E-02 11 340	8.5E-02 187	1.4E-04 993	1.4E-05 0
00:45----01:45	2.2E-02 11 343	8.9E-02 191	1.6E-04 993	1.7E-05 0
00:55----01:55	2.3E-02 11 188	9.5E-02 193	1.5E-04 993	2.0E-05 0
01:05----02:05	2.2E-02 11 353	9.6E-02 194	1.7E-04 993	1.9E-05 0
01:15----02:15	2.0E-02 11 352	9.2E-02 194	1.7E-04 992	1.8E-05 0
01:25----02:25	1.8E-02 10 355	9.1E-02 195	1.4E-04 992	1.8E-05 0
01:35----02:35	1.8E-02 10 355	8.7E-02 197	1.4E-04 992	1.8E-05 0
01:45----02:45	1.8E-02 10 353	8.6E-02 199	1.0E-04 992	1.8E-05 0
01:55----02:55	2.0E-02 10 352	8.8E-02 201	9.4E-05 992	2.0E-05 0
02:05----03:05	1.9E-02 10 350	9.3E-02 202	9.0E-05 992	2.1E-05 0
02:15----03:15	2.0E-02 10 353	9.8E-02 202	8.6E-05 992	2.3E-05 0
02:25----03:25	2.2E-02 10 349	1.0E-01 202	9.2E-05 992	2.4E-05 0
02:35----03:35	2.1E-02 10 346	1.1E-01 200	9.8E-05 992	2.4E-05 0

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
02:45----03:45	2.3E-02 10 351	1.0E-01 198	1.0E-04 992	2.4E-05 0
02:55----03:55	2.1E-02 10 348	9.0E-02 197	1.1E-04 992	2.3E-05 0
03:05----04:05	2.1E-02 10 343	7.8E-02 196	9.5E-05 992	2.3E-05 0
03:15----04:15	2.0E-02 10 340	6.9E-02 196	9.4E-05 992	2.3E-05 0
03:25----04:25	1.9E-02 10 337	6.2E-02 197	1.0E-04 992	2.2E-05 0
03:35----04:35	1.8E-02 10 337	5.0E-02 198	1.2E-04 992	2.3E-05 0
03:45----04:45	1.7E-02 10 336	4.4E-02 198	1.3E-04 992	2.4E-05 0
03:55----04:55	1.6E-02 10 334	4.2E-02 197	1.7E-04 991	2.5E-05 0
04:05----05:05	1.7E-02 11 332	3.8E-02 195	2.4E-04 991	2.3E-05 0
04:15----05:15	1.8E-02 11 332	3.2E-02 193	4.3E-04 991	2.1E-05 0
04:25----05:25	1.8E-02 11 360	2.6E-02 192	4.6E-04 991	2.0E-05 0
04:35----05:35	1.8E-02 11 7	2.5E-02 192	4.4E-04 991	2.0E-05 0
04:45----05:45	1.8E-02 11 349	2.4E-02 192	4.6E-04 991	1.9E-05 0
04:55----05:55	1.8E-02 11 347	2.2E-02 193	4.4E-04 991	1.9E-05 0

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
05:05----06:05	1.7E-02 11 347	2.7E-02 193	3.9E-04 991	2.1E-05 0
05:15----06:15	1.7E-02 11 348	3.2E-02 192	1.9E-04 991	2.3E-05 0
05:25----06:25	1.8E-02 11 341	3.8E-02 192	1.7E-04 991	2.6E-05 0
05:35----06:35	1.8E-02 11 325	4.4E-02 190	1.6E-04 991	2.6E-05 0
05:45----06:45	1.8E-02 11 308	5.7E-02 189	1.4E-04 991	2.9E-05 0
05:55----06:55	1.9E-02 11 309	6.3E-02 188	1.6E-04 991	2.9E-05 0
06:05----07:05	2.4E-02 11 309	6.7E-02 187	2.0E-04 990	3.2E-05 0
06:15----07:15	2.5E-02 12 248	7.1E-02 187	2.1E-04 990	5.6E-05 0
06:25----07:25	2.4E-02 12 237	7.1E-02 190	2.1E-04 990	1.4E-04 1
06:35----07:35	2.3E-02 12 233	6.8E-02 192	2.5E-04 990	3.1E-04 1
06:45----07:45	2.4E-02 12 232	5.9E-02 194	3.0E-04 990	5.8E-04 2
06:55----07:55	2.4E-02 12 233	5.5E-02 197	3.6E-04 990	9.3E-04 2
07:05----08:05	2.0E-02 12 235	4.8E-02 199	4.4E-04 990	1.5E-03 3
07:15----08:15	1.8E-02 12 236	4.0E-02 201	6.6E-04 991	2.0E-03 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
07:25----08:25	1.7E-02 12 238	3.5E-02 198	8.3E-04 991	2.4E-03 3
07:35----08:35	1.7E-02 13 240	3.1E-02 194	1.0E-03 991	2.7E-03 3
07:45----08:45	1.6E-02 13 244	2.7E-02 191	1.3E-03 991	3.2E-03 2

STATISTICS

NUMBER OF READINGS 363

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	8.77E-02	1.94E-02	1.15E-02	1.19E-02	7.14E+00
NO	5.25E-03	2.25E-01	4.25E-02	3.54E-02	3.01E-02	2.34E+00
OZONE	1.00E-06	2.84E-02	8.46E-03	1.03E-02	1.07E-03	1.72E+01
SOLAR RAD	1.00E-06	4.30E-02	4.32E-03	1.01E-02	6.92E-05	2.83E+01
TEMP	10	22	13	3		
HUMIDITY	62	206	158	45	150	1
BAROMETER	990	996	993	2	993	1
WIND SPEED	0	25	4	5	0	1385

MAXIMUM
AVERAGE

NO2	3.05E-02
NO	1.08E-01
OZONE	2.62E-02
SOLAR RAD	3.63E-02
TEMP	20
HUMIDITY	202
BAROMETER	995
WIND SPEED	15
WIND DIRECTION	360

-540-

THUNDER BAY #54

DATE: SEP 4 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: BROADWAY AVE (X2900-Y5800); 0.6KM & 345 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
15:58----16:58	1.1E-02 27 53	1.8E-02 127	3.6E-02 990	2.4E-02 16
16:08----17:08	1.2E-02 26 49	1.3E-02 156	3.5E-02 990	2.4E-02 17

STATISTICS

NUMBER OF READINGS 29

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	2.21E-02	1.19E-02	4.97E-03	8.33E-03	5.91E+00
NO	4.76E-03	4.93E-02	1.63E-02	1.43E-02	1.14E-02	2.30E+00
OZONE	2.67E-02	4.11E-02	3.51E-02	4.31E-03	3.49E-02	1.13E+00
SOLAR RAD	1.41E-02	4.90E-02	2.29E-02	7.20E-03	2.20E-02	1.33E+00
TEMP	21	29	26	2		
HUMIDITY	0	273	149	84	51	4
BAROMETER	989	990	990	0	990	
WIND SPEED	8	25	17	4	17	1

MAXIMUM
AVERAGE

NO2	1.16E-02
NO	1.83E-02
OZONE	3.57E-02
SOLAR RAD	2.44E-02
TEMP	27
HUMIDITY	156
BAROMETER	990
WIND SPEED	17
WIND DIRECTION	53

THUNDER BAY #55

DATE: SEP 4 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: MOE LAB (X3040-Y6070); 3.5KM @ 020 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
17:27----18:27	1.9E-02 24 110	1.7E-02 256	3.6E-02 991	2.6E-02 5
17:47----18:47	1.5E-02 24 113	1.4E-02 254	3.5E-02 991	2.2E-02 7
18:07----19:07	1.3E-02 23 115	1.1E-02 256	3.2E-02 992	1.5E-02 7
18:27----19:27	1.5E-02 23 116	1.0E-02 256	2.8E-02 992	8.5E-03 7
18:47----19:47	1.7E-02 22 118	1.9E-02 253	2.5E-02 992	4.7E-03 4
19:07----20:07	2.2E-02 22 95	2.3E-02 250	2.2E-02 992	4.2E-03 3
19:27----20:27	2.3E-02 22 77	2.6E-02 248	2.0E-02 992	3.1E-03 3
19:47----20:47	2.7E-02 21 65	2.0E-02 250	1.7E-02 992	1.7E-03 6
20:07----21:07	2.8E-02 21 69	1.7E-02 253	1.5E-02 992	4.5E-04 8
20:27----21:27	2.9E-02 20 64	1.3E-02 260	1.4E-02 992	7.4E-05 9
20:47----21:47	2.4E-02 19 75	9.1E-03 272	1.8E-02 992	5.1E-06 8
21:07----22:07	2.0E-02 18 77	7.8E-03 287	2.1E-02 992	1.4E-06 6

THUNDER BAY #55, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
21:27----22:27	2.0E-02 18 95	9.6E-03 304	2.1E-02 992	3.8E-06 4
21:47----22:47	2.2E-02 18 101	1.2E-02 320	1.8E-02 992	7.0E-06 3
22:07----23:07	2.2E-02 18 104	1.4E-02 334	1.7E-02 992	9.9E-06 3
22:27----23:27	2.1E-02 18 108	1.6E-02 344	1.5E-02 993	1.0E-05 2
22:47----23:47	2.2E-02 19 111	1.7E-02 349	1.4E-02 993	9.3E-06 1
23:07----00:07	1.9E-02 18 119	1.4E-02 351	1.5E-02 993	8.2E-06 2
23:27----00:27	1.6E-02 18 117	1.0E-02 353	1.8E-02 993	7.9E-06 3
23:47----00:47	1.8E-02 18 114	8.5E-03 356	1.7E-02 993	1.1E-05 3
00:07----01:07	2.1E-02 18 110	1.0E-02 357	1.5E-02 993	1.6E-05 1
00:27----01:27	2.4E-02 18 110	1.1E-02 356	1.4E-02 993	2.1E-05 1
00:47----01:47	2.0E-02 18 93	1.1E-02 356	1.6E-02 993	1.8E-05 1
01:07----02:07	1.7E-02 17 93	8.8E-03 355	1.8E-02 993	1.1E-05 1
01:27----02:27	1.5E-02 17 89	7.5E-03 356	1.9E-02 993	4.8E-06 1
01:47----02:47	1.3E-02 17 100	7.2E-03 358	1.8E-02 993	5.5E-06 1

THUNDER BAY #55, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
02:07----03:07	1.7E-02 17 84	8.1E-03 362	1.4E-02 993	8.4E-06 2
02:27----03:27	2.0E-02 17 76	9.2E-03 369	1.1E-02 993	1.1E-05 2
02:47----03:47	2.1E-02 16 77	9.9E-03 377	1.1E-02 993	1.1E-05 2
03:07----04:07	1.7E-02 16 81	9.1E-03 382	1.3E-02 993	9.9E-06 1
03:27----04:27	1.8E-02 16 82	9.2E-03 386	1.3E-02 993	1.2E-05 1
03:47----04:47	1.9E-02 16 75	8.4E-03 389	1.4E-02 993	1.4E-05 2
04:07----05:07	1.9E-02 16 88	8.3E-03 393	1.4E-02 993	1.5E-05 2
04:27----05:27	1.6E-02 16 92	7.0E-03 397	1.5E-02 993	1.4E-05 3
04:47----05:47	1.4E-02 16 96	6.0E-03 402	1.5E-02 993	1.8E-05 3
05:07----06:07	1.1E-02 16 89	5.1E-03 407	1.6E-02 992	2.2E-05 6
05:27----06:27	7.4E-03 16 90	4.3E-03 410	1.7E-02 992	2.1E-05 8
05:47----06:47	7.9E-03 16 82	4.2E-03 411	1.6E-02 992	1.5E-05 10
06:07----07:07	8.4E-03 16 80	4.3E-03 411	1.5E-02 992	1.4E-05 9
06:27----07:27	9.2E-03 16 80	5.0E-03 410	1.3E-02 992	4.6E-05 7

THUNDER BAY #55, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
06:47----07:47	1.2E-02 16 83	6.9E-03 410	1.1E-02 992	1.9E-04 6
07:07----08:07	1.6E-02 16 80	1.1E-02 410	8.1E-03 992	9.7E-04 5
07:27----08:27	2.1E-02 16 71	1.9E-02 410	5.7E-03 992	2.1E-03 7
07:47----08:47	2.0E-02 16 70	2.3E-02 409	5.2E-03 992	4.0E-03 8

STATISTICS

NUMBER OF READINGS 373

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	4.64E-02	1.83E-02	8.07E-03	1.54E-02	2.69E+00
NO	2.21E-03	7.36E-02	1.30E-02	8.27E-03	1.02E-02	1.76E+00
OZONE	2.52E-03	4.02E-02	1.70E-02	7.79E-03	1.51E-02	1.68E+00
SOLAR RAD	1.00E-06	3.78E-02	2.78E-03	6.97E-03	5.49E-05	2.44E+01
TEMP	16	25	18	2		
HUMIDITY	241	414	343	60	338	
BAROMETER	991	993	992	1	992	
WIND SPEED	0	20	5	4	1	71

MAXIMUM AVERAGE

NO2	2.87E-02
NO	2.59E-02
OZONE	3.64E-02
SOLAR RAD	2.61E-02
TEMP	24
HUMIDITY	411
BAROMETER	993
WIND SPEED	10
WIND DIRECTION	119

THUNDER BAY #56

DATE: SEP 5 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION:
 HWY #61, 0.2KM S OF BROADWAY (X2830-Y5780); 0.9KM @ 295 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
14:08----15:08	1.6E-02 14 33	4.6E-02 372	1.6E-02 658	2.0E-02 9
14:13----15:13	1.5E-02 12 34	3.9E-02 333	1.4E-02 576	1.8E-02 8
14:18----15:18	1.3E-02 10 33	3.6E-02 287	1.2E-02 494	1.5E-02 7
14:23----15:23	1.0E-02 9 32	2.6E-02 239	1.0E-02 411	1.3E-02 5
14:28----15:28	9.7E-03 7 30	2.0E-02 189	8.1E-03 329	1.0E-02 4
14:33----15:33	1.0E-02 7 35	2.0E-02 182	8.3E-03 329	1.1E-02 4
14:38----15:38	1.0E-02 7 39	1.8E-02 176	9.0E-03 329	1.2E-02 4
14:43----15:43	8.3E-03 7 41	1.6E-02 169	9.2E-03 329	1.2E-02 4
14:48----15:48	8.5E-03 8 39	2.3E-02 161	9.1E-03 329	1.2E-02 3
14:53----15:53	9.6E-03 9 39	3.4E-02 202	1.1E-02 411	1.6E-02 4
14:58----15:58	1.1E-02 11 38	4.1E-02 241	1.4E-02 493	1.9E-02 4
15:03----16:03	1.1E-02 13 33	4.8E-02 273	1.6E-02 575	2.3E-02 5

THUNDER BAY #56, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
15:08----16:08	1.3E-02 15 26	5.2E-02 302	1.8E-02 658	2.7E-02 6
15:13----16:13	1.5E-02 17 22	5.4E-02 331	2.1E-02 740	3.2E-02 7
15:18----16:18	1.7E-02 19 19	5.8E-02 362	2.3E-02 822	3.6E-02 8
15:23----16:23	1.9E-02 21 17	6.1E-02 392	2.5E-02 904	3.9E-02 9
15:28----16:28	2.1E-02 23 16	6.6E-02 421	2.8E-02 986	4.2E-02 10
15:33----16:33	2.0E-02 24 15	6.5E-02 411	2.8E-02 986	4.2E-02 10
15:38----16:38	1.9E-02 24 13	6.4E-02 399	2.7E-02 986	4.3E-02 11
15:43----16:43	1.8E-02 24 12	6.4E-02 389	2.8E-02 986	4.3E-02 11
15:48----16:48	1.7E-02 24 10	5.5E-02 380	2.7E-02 986	4.3E-02 11
15:53----16:53	1.8E-02 24 10	4.6E-02 370	2.7E-02 986	4.2E-02 11
15:58----16:58	1.9E-02 24 9	4.6E-02 360	2.7E-02 986	4.3E-02 11
16:03----17:03	2.1E-02 24 11	4.4E-02 359	2.7E-02 986	4.4E-02 12

STATISTICS

NUMBER OF READINGS 70

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	7.64E-02	1.67E-02	1.66E-02	7.96E-04	1.14E+02
NO	1.00E-06	2.71E-01	4.71E-02	4.62E-02	4.32E-03	1.01E+02
OZONE	1.00E-06	3.82E-02	2.02E-02	1.16E-02	2.54E-03	7.38E+01
SOLAR RAD	1.00E-06	5.84E-02	2.97E-02	1.85E-02	3.36E-03	8.63E+01
TEMP	0	25	18	10		
HUMIDITY	0	598	344	205	5	4523
BAROMETER	0	988	761	417	9	6368
WIND SPEED	0	22	9	6	0	951

MAXIMUM
AVERAGE

NO2	2.11E-02
NO	6.62E-02
OZONE	2.77E-02
SOLAR RAD	4.36E-02
TEMP	24
HUMIDITY	421
BAROMETER	986
WIND SPEED	12
WIND DIRECTION	41

THUNDER BAY #57

DATE: SEP 5 1978

SCAN TIME: 150 SEC

AVERAGING TIME: 60 MIN

LOCATION:

N END OF MERYLE AVE, VICKER'S HTS (X2810-Y5850); 1.5KM & 315 DGS/SRC

TIME	NO2 TEMP	NO BAROMETER	OZONE WIND SPEED	SOLAR RAD WIND DIRECTI
18:02----19:02	2.0E-02 21	8.5E-03 985	3.2E-02 8	2.0E-02 46
18:22----19:22	2.0E-02 21	6.7E-03 985	3.0E-02 8	1.5E-02 50
18:42----19:42	2.1E-02 20	7.0E-03 985	2.8E-02 7	1.1E-02 53
19:02----20:02	2.2E-02 20	7.1E-03 985	2.6E-02 7	7.3E-03 57
19:22----20:22	2.2E-02 19	7.0E-03 985	2.5E-02 6	5.6E-03 53
19:42----20:42	2.5E-02 18	7.5E-03 985	2.2E-02 6	3.3E-03 52
20:02----21:02	3.0E-02 18	1.1E-02 985	1.6E-02 5	1.2E-03 55
20:22----21:22	3.3E-02 17	1.3E-02 985	1.2E-02 6	2.7E-04 59
20:42----21:42	3.1E-02 17	1.3E-02 986	1.1E-02 7	1.4E-05 59
21:02----22:02	2.6E-02 16	9.5E-03 986	1.3E-02 7	9.2E-06 57
21:22----22:22	2.3E-02 16	8.3E-03 986	1.4E-02 6	1.2E-05 55
21:42----22:42	2.4E-02 16	2.3E-02 986	1.4E-02 4	1.3E-05 53
22:02----23:02	3.0E-02 16	2.9E-02 986	1.1E-02 2	1.2E-05 46
22:22----23:22	3.7E-02 16	3.9E-02 985	6.0E-03 0	1.4E-05 35

STATISTICS

NUMBER OF READINGS 129

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.40E-02	6.44E-02	2.65E-02	9.01E-03	2.52E-02	1.36E+00
NO	4.05E-03	3.08E-01	1.49E-02	2.78E-02	1.05E-02	1.92E+00
OZONE	1.00E-06	3.59E-02	1.82E-02	1.03E-02	1.15E-02	4.78E+00
SOLAR RAD	1.00E-06	2.79E-02	5.23E-03	7.68E-03	2.51E-04	3.09E+01
TEMP	15	22	18	2		
BAROMETER	985	986	985	0	985	1
WIND SPEED	0	13	6	3	1	208

MAXIMUM
AVERAGE

NO2	3.67E-02
NO	3.94E-02
OZONE	3.17E-02
SOLAR RAD	1.96E-02
TEMP	21
BAROMETER	986
WIND SPEED	8
WIND DIRECTION	59

THUNDER BAY #58

DATE: SEP 6 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: STANLEY ST, N OF CAN-CAR (X2960-Y5880); 1.5KM @ 015 DGS/SRC

TIME	NO2 TEMP	NO BAROMETER	OZONE WIND SPEED	SOLAR RAD WIND DIRECTI
00:07----01:07	2.8E-02 15	3.3E-02 985	4.7E-04 3	1.0E-05 258
00:22----01:22	2.6E-02 15	2.7E-02 985	8.9E-04 3	1.4E-05 256
00:37----01:37	2.3E-02 15	2.5E-02 985	1.5E-03 4	1.7E-05 248
00:52----01:52	2.2E-02 15	1.8E-02 984	2.0E-03 4	1.7E-05 241
01:07----02:07	2.1E-02 15	1.4E-02 984	2.3E-03 3	1.5E-05 239
01:22----02:22	2.1E-02 15	1.3E-02 984	2.2E-03 3	1.5E-05 236
01:37----02:37	2.1E-02 15	9.8E-03 984	2.5E-03 3	1.5E-05 235
01:52----02:52	2.0E-02 15	8.9E-03 984	2.9E-03 2	1.5E-05 237
02:07----03:07	1.9E-02 15	8.7E-03 984	2.8E-03 2	1.5E-05 239
02:22----03:22	1.9E-02 15	8.6E-03 984	3.1E-03 1	1.6E-05 238
02:37----03:37	2.0E-02 15	1.2E-02 984	3.5E-03 1	2.0E-05 244
02:52----03:52	2.0E-02 15	1.3E-02 983	3.6E-03 1	2.5E-05 255
03:07----04:07	2.4E-02 16	1.4E-02 983	3.7E-03 1	2.8E-05 259
03:22----04:22	2.3E-02 16	1.4E-02 983	3.8E-03 0	2.6E-05 265
03:37----04:37	2.2E-02 16	1.1E-02 983	3.4E-03 1	2.2E-05 244
03:52----04:52	2.1E-02 16	1.3E-02 983	2.9E-03 0	2.2E-05 250

THUNDER BAY #58, CONT'D

PAGE 2

TIME	NO2 TEMP	NO BAROMETER	OZONE WIND SPEED	SOLAR RAD WIND DIRECTI
04:07----05:07	1.8E-02 16	1.3E-02 983	2.6E-03 0	2.2E-05 243
04:22----05:22	1.9E-02 16	1.6E-02 983	2.2E-03 0	2.5E-05 280
04:37----05:37	2.1E-02 17	1.8E-02 982	2.3E-03 1	2.4E-05 48
04:52----05:52	2.3E-02 17	2.8E-02 982	3.0E-03 2	2.1E-05 58
05:07----06:07	2.6E-02 17	3.5E-02 982	3.0E-03 2	1.9E-05 56
05:22----06:22	2.9E-02 17	4.5E-02 983	2.9E-03 1	1.6E-05 61
05:37----06:37	2.7E-02 17	4.9E-02 983	2.0E-03 1	1.8E-05 57
05:52----06:52	2.8E-02 17	4.2E-02 983	9.2E-04 0	1.8E-05 8
06:07----07:07	2.7E-02 17	4.2E-02 983	6.7E-04 0	2.1E-05 6
06:22----07:22	2.5E-02 17	4.6E-02 983	4.7E-04 0	2.3E-05 7
06:37----07:37	2.5E-02 17	5.9E-02 983	3.5E-04 1	3.1E-05 9
06:52----07:52	2.6E-02 17	7.0E-02 983	1.9E-04 1	5.7E-05 30
07:07----08:07	2.9E-02 17	8.3E-02 983	1.1E-04 1	1.7E-04 32
07:22----08:22	3.3E-02 17	8.1E-02 983	1.7E-04 1	4.6E-04 38
07:37----08:37	4.8E-02 18	7.7E-02 983	3.2E-04 1	8.4E-04 45
07:52----08:52	4.9E-02 18	7.2E-02 983	3.7E-04 0	1.1E-03 355

STATISTICS

NUMBER OF READINGS 351

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DE.
NO2	1.00E-06	2.76E-01	2.63E-02	2.35E-02	1.98E-02	3.97E+00
NO	5.29E-03	2.29E-01	3.35E-02	3.29E-02	2.24E-02	2.41E+00
OZONE	1.00E-06	8.83E-03	1.83E-03	1.79E-03	8.50E-04	5.38E+00
SOLAR RAD	1.00E-06	1.89E-03	1.46E-04	3.68E-04	2.65E-05	4.91E+00
TEMP	15	18	16	1		
BAROMETER	982	986	983	1	983	1
WIND SPEED	0	10	2	2	0	865

MAXIMUM
AVERAGE

NO2	4.93E-02
NO	8.29E-02
OZONE	3.81E-03
SOLAR RAD	1.08E-03
TEMP	18
BAROMETER	985
WIND SPEED	4
WIND DIRECTION	355

THUNDER BAY #59

DATE: SEP 6 1978
SCAN TIME: 150 SEC
AVERAGING TIME: 60 MIN
LOCATION: MONTREAL & NEEBING STS (X2920-Y5830): 1.0KM & 005 DGS/SRC

TIME	NO2 TEMP	NO BAROMETER	OZONE WIND SPEED	SOLAR RAD WIND DIRECTI
10:34----11:34	5.3E-02 21	7.0E-02 983	4.4E-03 1	1.4E-02 20
10:44----11:44	5.5E-02 21	6.5E-02 983	4.8E-03 1	1.4E-02 41
10:54----11:54	5.6E-02 21	6.1E-02 983	5.7E-03 1	1.4E-02 51
11:04----12:04	5.9E-02 22	5.5E-02 983	7.3E-03 1	1.4E-02 50
11:14----12:14	5.7E-02 22	5.4E-02 983	8.2E-03 1	1.5E-02 47
11:24----12:24	5.5E-02 22	4.9E-02 984	9.8E-03 1	1.6E-02 46
11:34----12:34	5.6E-02 22	4.6E-02 984	1.2E-02 1	1.8E-02 59
11:44----12:44	6.1E-02 23	4.4E-02 984	1.4E-02 0	2.0E-02 54

STATISTICS

NUMBER OF READINGS 53

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	2.17E-02	1.17E-01	5.72E-02	1.93E-02	5.41E-02	1.41E+00
NO	2.37E-02	1.03E-01	5.65E-02	2.00E-02	5.31E-02	1.43E+00
OZONE	1.58E-03	2.78E-02	9.39E-03	6.59E-03	7.44E-03	2.01E+00
SOLAR RAD	8.05E-03	3.30E-02	1.70E-02	5.09E-03	1.63E-02	1.35E+00
TEMP	19	25	22	1		
BAROMETER	982	984	983	1	983	1
WIND SPEED	0	7	1	2	0	857

MAXIMUM
AVERAGE

NO2	6.08E-02
NO	7.01E-02
OZONE	1.44E-02
SOLAR RAD	1.96E-02
TEMP	23
BAROMETER	984
WIND SPEED	1
WIND DIRECTION	59

THUNDER BAY #60

DATE: SEP 6 1978

SCAN TIME: 60 SEC

AVERAGING TIME: 60 MIN

LOCATION:

GLPP PARK. LOT, CONCRETE FOOTINGS(X2920-Y5790); 0.5KM & 005DGS/SRC

TIME	NO2 TEMP	NO BAROMETER	OZONE WIND SPEED	SOLAR RAD WIND DIRECTI
13:16----14:16	6.3E-02 28	4.6E-02 984	3.9E-02 1	3.5E-02 82
13:26----14:26	6.2E-02 28	4.6E-02 984	4.2E-02 1	3.2E-02 82
13:36----14:36	6.2E-02 28	4.3E-02 984	4.5E-02 2	3.1E-02 77
13:46----14:46	5.9E-02 28	4.0E-02 984	4.5E-02 3	3.0E-02 71
13:56----14:56	5.6E-02 28	3.5E-02 984	4.4E-02 5	2.9E-02 64
14:06----15:06	5.2E-02 27	2.8E-02 984	4.4E-02 6	2.6E-02 62
14:16----15:16	4.7E-02 27	2.3E-02 984	4.2E-02 7	2.6E-02 56
14:26----15:26	4.2E-02 27	2.0E-02 984	3.8E-02 8	2.8E-02 53
14:36----15:36	3.8E-02 27	1.8E-02 984	3.4E-02 9	2.9E-02 52

STATISTICS

NUMBER OF READINGS 142

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DE.
NO2	2.86E-03	1.18E-01	5.13E-02	1.85E-02	4.75E-02	1.56E-02
NO	9.93E-03	1.19E-01	3.18E-02	1.79E-02	2.78E-02	1.66E-02
OZONE	2.52E-02	6.34E-02	3.87E-02	8.21E-03	3.79E-02	1.23E+00
SOLAR RAD	2.18E-02	6.81E-02	3.10E-02	7.38E-03	3.03E-02	1.23E+00
TEMP	27	30	28	1		
BAROMETER	982	985	984	1	984	
WIND SPEED	0	13	5	4	1	105

MAXIMUM
AVERAGE

NO2	6.33E-02
NO	4.62E-02
OZONE	4.54E-02
SOLAR RAD	3.45E-02
TEMP	28
BAROMETER	984
WIND SPEED	9
WIND DIRECTION	82

THUNDER BAY #61

DATE: SEP 6 1978

SCAN TIME: 90 SEC

AVERAGING TIME: 60 MIN

LOCATION:

HWY #61, 0.3KM S OF BROADWAY (X2830-Y5770); 0.9KM @ 290 DGS/SRC

TIME	NO2 TEMP	NO BAROMETER	OZONE WIND SPEED	SOLAR RAD WIND DIRECTI
15:48----16:48	3.5E-02 25	4.3E-02 985	2.5E-02 18	3.3E-02 294
16:03----17:03	2.3E-02 24	4.0E-02 986	1.8E-02 19	2.7E-02 292
16:18----17:18	1.7E-02 23	3.8E-02 986	1.3E-02 18	2.4E-02 287
16:33----17:33	1.6E-02 23	4.2E-02 987	8.5E-03 17	2.5E-02 285
16:48----17:48	1.5E-02 23	4.5E-02 987	6.6E-03 17	2.5E-02 282

STATISTICS

NUMBER OF READINGS 84

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.87E-01	2.42E-02	2.82E-02	3.15E-03	5.53E+01
NO	1.85E-02	2.67E-01	4.67E-02	3.69E-02	3.96E-02	1.68E+00
OZONE	3.63E-03	3.89E-02	1.53E-02	1.08E-02	1.18E-02	2.06E+00
SOLAR RAD	1.25E-02	6.55E-02	2.84E-02	1.16E-02	2.63E-02	1.49E+00
TEMP	22	28	24	2		
BAROMETER	983	988	986	1	986	1
WIND SPEED	9	31	18	5	17	1

MAXIMUM
AVERAGE

NO2	3.55E-02
NO	4.49E-02
OZONE	2.49E-02
SOLAR RAD	3.29E-02
TEMP	25
BAROMETER	987
WIND SPEED	19
WIND DIRECTION	294

THUNDER BAY #62

DATE: SEP 6 1978

SCAN TIME: 90 SEC

AVERAGING TIME: 60 MIN

LOCATION:

HWY #61, 0.2KM S OF BROADWAY (X2830-Y5780); 0.9KM @ 295 DGS/SRC

TIME	NOX SOLAR RAD WIND DIRECTION	NO2 TEMP	NO BAROMETER	OZONE WIND SPEED
18:44----19:44	2.6E-02 8.3E-03 49	1.0E-02 21	1.4E-02 987	6.4E-03 9
18:59----19:59	2.5E-02 5.3E-03 48	1.1E-02 20	1.4E-02 987	6.3E-03 8
19:14----20:14	2.7E-02 3.1E-03 48	1.1E-02 20	1.5E-02 987	4.6E-03 9
19:29----20:29	2.8E-02 1.8E-03 44	1.1E-02 19	1.6E-02 987	3.7E-03 8
19:44----20:44	2.9E-02 6.8E-04 37	1.2E-02 19	1.7E-02 988	2.9E-03 8
19:59----20:59	2.9E-02 2.0E-04 34	1.3E-02 19	1.6E-02 988	1.9E-03 8
20:14----21:14	2.7E-02 1.0E-04 30	1.3E-02 19	1.4E-02 988	1.9E-03 9

STATISTICS

NUMBER OF READINGS 103

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NOX	1.37E-02	9.33E-02	2.65E-02	9.82E-03	2.52E-02	1.35E+00
NO2	1.00E-06	7.38E-02	1.17E-02	8.10E-03	8.59E-03	4.05E+00
NO	4.01E-03	4.38E-02	1.44E-02	8.48E-03	1.22E-02	1.79E+00
OZONE	1.84E-04	1.61E-02	4.07E-03	2.79E-03	3.13E-03	2.27E+00
SOLAR RAD	1.66E-05	1.81E-02	3.51E-03	4.71E-03	6.14E-04	1.10E+01
TEMP	18	22	20	1		
BAROMETER	985	989	988	1	988	1
WIND SPEED	1	16	9	3	9	2

MAXIMUM
AVERAGE

NOX	2.92E-02
NO2	1.34E-02
NO	1.67E-02
OZONE	6.43E-03
SOLAR RAD	8.34E-03
TEMP	21
BAROMETER	988
WIND SPEED	9
WIND DIRECTION	49

THUNDER BAY #63

DATE: SEP 6 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: VICTOR ST., VICKER'S HTS (X2700-Y5650); 2.3KM @ 245 DGS/SRC

TIME	S02 SOLAR RAD WIND DIRECTION	N02 TEMP	N0 BAROMETER	OZONE WIND SPEED
21:40----22:40	1.0E-03 1.0E-05 39	6.4E-03 18	1.5E-02 992	5.0E-03 2
22:00----23:00	8.3E-04 1.3E-05 42	7.3E-03 17	1.3E-02 992	5.2E-03 2
22:20----23:20	7.2E-04 1.4E-05 44	5.7E-03 17	1.2E-02 992	5.8E-03 2
22:40----23:40	9.9E-04 1.5E-05 52	1.0E-02 17	1.4E-02 993	5.8E-03 1
23:00----00:00	1.3E-03 1.6E-05 49	9.1E-03 17	1.5E-02 993	5.9E-03 1
23:20----00:20	1.7E-03 2.1E-05 50	8.0E-03 17	1.6E-02 993	5.8E-03 1
23:40----00:40	1.6E-03 1.9E-05 47	4.0E-03 17	1.3E-02 993	6.2E-03 2
00:00----01:00	1.4E-03 1.8E-05 49	3.9E-03 17	1.3E-02 993	6.6E-03 1
00:20----01:20	1.0E-03 1.6E-05 48	4.0E-03 17	1.2E-02 993	6.5E-03 1
00:40----01:40	1.0E-03 1.5E-05 54	6.4E-03 17	1.5E-02 993	6.3E-03 1
01:00----02:00	1.0E-03 1.3E-05 52	1.0E-02 16	1.6E-02 993	6.2E-03 1
01:20----02:20	1.4E-03 1.3E-05 55	1.2E-02 16	2.3E-02 993	6.3E-03 1

THUNDER BAY #63, CONT'D

PAGE 2

TIME	SO2 SOLAR RAD WIND DIRECTION	NO2 TEMP	NO BAROMETER	OZONE WIND SPEED
01:40----02:40	1.7E-03 1.2E-05 44	1.2E-02 16	2.5E-02 993	6.5E-03 1
02:00----03:00	2.0E-03 1.2E-05 53	9.4E-03 16	2.6E-02 993	6.6E-03 0
02:20----03:20	2.2E-03 1.3E-05 48	1.2E-02 15	2.4E-02 993	7.0E-03 1
02:40----03:40	2.5E-03 1.6E-05 54	9.8E-03 15	2.4E-02 993	7.4E-03 1
03:00----04:00	2.8E-03 1.8E-05 46	1.0E-02 15	2.2E-02 993	7.9E-03 1
03:20----04:20	2.8E-03 1.6E-05 34	6.0E-03 15	1.8E-02 993	8.5E-03 1
03:40----04:40	2.5E-03 1.6E-05 37	5.9E-03 15	1.3E-02 994	9.4E-03 2
04:00----05:00	2.2E-03 1.6E-05 36	5.4E-03 14	1.1E-02 994	9.9E-03 3
04:20----05:20	2.4E-03 2.0E-05 44	5.4E-03 14	1.0E-02 994	1.0E-02 2
04:40----05:40	2.3E-03 2.0E-05 46	5.8E-03 14	9.9E-03 994	1.0E-02 2
05:00----06:00	2.1E-03 2.1E-05 44	5.8E-03 14	9.8E-03 994	1.0E-02 2
05:20----06:20	2.3E-03 2.1E-05 44	6.2E-03 14	9.6E-03 994	9.9E-03 2
05:40----06:40	2.6E-03 2.1E-05 40	5.8E-03 14	9.6E-03 994	1.1E-02 2
06:00----07:00	2.9E-03 2.0E-05 44	5.9E-03 14	1.2E-02 994	1.1E-02 2

THUNDER BAY #63, CONT'D

PAGE 3

TIME	SO2 SOLAR RAD WIND DIRECTION	NO2 TEMP	NO BAROMETER	OZONE WIND SPEED
06:20----07:20	2.7E-03 2.1E-05 41	6.0E-03 14	1.1E-02 994	1.1E-02 2
06:40----07:40	2.8E-03 3.3E-05 40	7.2E-03 14	1.3E-02 994	1.1E-02 2
07:00----08:00	2.9E-03 9.8E-05 39	5.9E-03 13	1.0E-02 994	1.2E-02 2
07:20----08:20	2.9E-03 3.0E-04 39	5.2E-03 14	2.3E-02 994	1.2E-02 1
07:40----08:40	2.8E-03 5.4E-04 46	4.3E-03 14	2.3E-02 994	1.2E-02 1
08:00----09:00	2.8E-03 8.0E-04 45	5.6E-03 14	2.6E-02 994	1.1E-02 1
08:20----09:20	3.2E-03 1.1E-03 48	1.2E-02 14	2.3E-02 994	1.2E-02 1

STATISTICS

NUMBER OF READINGS 280

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEONETRIC MEAN	GEONETRIC STD. DEV.
SO2	1.00E-06	8.68E-03	2.07E-03	1.05E-03	1.70E-03	2.41E+00
NO2	1.00E-06	1.05E-01	7.56E-03	1.26E-02	1.56E-03	2.23E+01
NO	6.17E-03	2.45E-01	1.64E-02	1.88E-02	1.36E-02	1.64E+00
OZONE	1.54E-03	1.39E-02	8.38E-03	2.73E-03	7.92E-03	1.42E+00
SOLAR RAD	1.00E-06	1.75E-03	1.33E-04	3.29E-04	2.44E-05	4.86E+00
TEMP	13	18	15	2		
BAROMETER	991	995	993	1	993	1
WIND SPEED	0	11	2	2	0	588

MAXIMUM
AVERAGE

SO2	3.24E-03
NO2	1.25E-02
NO	2.64E-02
OZONE	1.21E-02
SOLAR RAD	1.09E-03
TEMP	18
BAROMETER	994
WIND SPEED	3
WIND DIRECTION	55

THUNDER BAY #64

DATE: SEP 7 1978

SCAN TIME: 90 SEC

AVERAGING TIME: 60 MIN

LOCATION:

HNY #61, 0.2KM S OF BROADWAY (X2830-Y5780); 0.9KM & 295 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
10:50----11:50	4.3E-02 13 79	2.8E-02 463	1.2E-02 993	4.5E-03 9
11:05----12:05	3.7E-02 13 89	2.8E-02 458	1.3E-02 993	4.7E-03 9
11:20----12:20	3.4E-02 13 91	3.0E-02 451	1.3E-02 993	4.6E-03 9
11:35----12:35	2.5E-02 13 90	2.7E-02 450	1.3E-02 993	4.8E-03 9
11:50----12:50	3.2E-02 13 80	2.8E-02 449	1.3E-02 993	5.0E-03 8
12:05----13:05	3.8E-02 13 78	3.5E-02 446	1.4E-02 993	5.1E-03 9
12:20----13:20	3.8E-02 13 72	3.4E-02 447	1.5E-02 993	5.4E-03 9
12:35----13:35	3.6E-02 13 61	5.6E-02 447	1.3E-02 993	5.4E-03 10
12:50----13:50	2.3E-02 13 60	5.8E-02 446	1.3E-02 993	6.0E-03 10
13:05----14:05	2.4E-02 13 49	5.0E-02 443	1.1E-02 993	6.6E-03 10
13:20----14:20	2.5E-02 14 42	4.9E-02 436	1.0E-02 993	7.6E-03 11
13:35----14:35	2.5E-02 14 38	3.6E-02 430	1.1E-02 993	8.6E-03 10

THUNDER BAY #64, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
13:50----14:50	2.5E-02 14 35	3.3E-02 426	1.0E-02 993	8.8E-03 11
14:05----15:05	2.3E-02 14 32	3.6E-02 430	1.0E-02 993	9.0E-03 12
14:20----15:20	2.1E-02 13 33	4.2E-02 435	1.0E-02 993	8.4E-03 12
14:35----15:35	2.2E-02 13 34	5.0E-02 438	1.0E-02 993	8.1E-03 13
14:50----15:50	2.2E-02 13 33	5.9E-02 437	1.0E-02 993	7.8E-03 13
15:05----16:05	2.4E-02 13 34	5.9E-02 434	1.0E-02 993	7.3E-03 14
15:20----16:20	2.4E-02 13 34	7.2E-02 428	9.8E-03 993	6.8E-03 13
15:35----16:35	2.7E-02 13 42	6.1E-02 426	9.7E-03 993	6.2E-03 14

STATISTICS

NUMBER OF READINGS 234

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DE
NO2	1.00E-06	6.46E-01	2.92E-02	5.56E-02	2.11E-03	8.00E+01
NO	6.94E-03	6.23E-01	4.53E-02	6.80E-02	2.95E-02	2.24E+00
OZONE	4.50E-03	2.18E-02	1.13E-02	3.38E-03	1.09E-02	1.32E+00
SOLAR RAD	2.97E-03	1.18E-02	6.34E-03	1.78E-03	6.09E-03	1.33E+00
TEMP	13	14	13	0		
HUMIDITY	406	477	441	16	441	
BAROMETER	992	994	993	0	993	1
WIND SPEED	0	27	13	5	12	2

MAXIMUM
AVERAGE

NO2	4.31E-02
NO	7.19E-02
OZONE	1.47E-02
SOLAR RAD	8.97E-03
TEMP	14
HUMIDITY	463
BAROMETER	993
WIND SPEED	14
WIND DIRECTION	91

THUNDER BAY #65

DATE: SEP 7 1978
SCAN TIME: 90 SEC
AVERAGING TIME: 60 MIN
LOCATION: SIDE RD N OF RIVERDALE RD (X2320-Y5780); 5.9KM @ 270 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
17:28----18:28	1.7E-02 13 41	2.0E-02 562	1.0E-02 991	3.0E-03 2
17:34----18:34	1.7E-02 13 43	2.0E-02 602	1.0E-02 991	2.8E-03 2
17:40----18:40	1.7E-02 13 42	1.9E-02 641	1.1E-02 991	2.9E-03 2
17:46----18:46	1.7E-02 13 44	1.8E-02 676	1.0E-02 991	2.9E-03 2
17:52----18:52	1.7E-02 13 45	1.8E-02 708	1.0E-02 991	2.9E-03 3
17:58----18:58	1.7E-02 13 45	1.6E-02 733	1.0E-02 991	2.7E-03 3
18:04----19:04	1.7E-02 13 45	1.5E-02 752	1.0E-02 991	2.6E-03 2
18:10----19:10	1.6E-02 13 49	1.5E-02 764	1.0E-02 991	2.4E-03 2

STATISTICS

NUMBER OF READINGS 68

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DE
NO2	1.00E-06	4.86E-02	1.71E-02	1.04E-02	9.66E-03	8.19E+00
NO	5.79E-03	4.24E-02	1.73E-02	8.12E-03	1.56E-02	1.60E+00
OZONE	6.29E-03	1.25E-02	1.01E-02	1.16E-03	1.00E-02	1.13E+00
SOLAR RAD	1.16E-03	4.38E-03	2.66E-03	7.06E-04	2.56E-03	1.34E+00
TEMP	12	14	13	0		
HUMIDITY	378	787	648	151	628	1
BAROMETER	989	992	991	1	991	1
WIND SPEED	0	17	3	3	1	37

MAXIMUM
AVERAGE

NO2	1.73E-02
NO	2.04E-02
OZONE	1.06E-02
SOLAR RAD	2.96E-03
TEMP	13
HUMIDITY	764
BAROMETER	991
WIND SPEED	3
WIND DIRECTION	49

THUNDER BAY #66

DATE: SEP 7 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: BROADWAY, CEMETERY GATES (X2820-Y5800); 1.1KM & 305 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
20:05----21:05	2.1E-02 13 67	2.0E-02 403	1.5E-02 992	1.3E-04 5
20:20----21:20	2.2E-02 13 72	1.8E-02 383	1.6E-02 992	7.1E-05 5
20:35----21:35	2.1E-02 13 69	1.6E-02 369	1.6E-02 993	3.5E-05 5
20:50----21:50	2.3E-02 13 65	1.8E-02 364	1.5E-02 993	2.5E-05 5
21:05----22:05	2.3E-02 13 63	2.2E-02 358	1.4E-02 993	2.5E-05 4
21:20----22:20	2.1E-02 13 56	2.6E-02 350	1.3E-02 993	2.6E-05 3
21:35----22:35	2.3E-02 13 51	2.9E-02 341	1.2E-02 993	2.7E-05 3
21:50----22:50	2.2E-02 13 51	3.1E-02 332	1.2E-02 993	2.6E-05 3
22:05----23:05	2.4E-02 14 48	2.9E-02 325	1.3E-02 993	2.5E-05 3
22:20----23:20	2.4E-02 14 46	2.9E-02 320	1.3E-02 993	2.5E-05 3
22:35----23:35	2.8E-02 14 47	3.0E-02 318	1.2E-02 993	2.4E-05 3
22:50----23:50	3.2E-02 14 48	3.2E-02 318	1.2E-02 993	2.4E-05 2

THUNDER BAY #66, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
23:05----00:05	3.7E-02 14 52	3.9E-02 317	1.1E-02 993	2.4E-05 2
23:20----00:20	3.5E-02 14 46	3.9E-02 317	1.0E-02 993	2.4E-05 3
23:35----00:35	3.2E-02 14 45	3.7E-02 325	1.1E-02 993	2.2E-05 4
23:50----00:50	2.5E-02 14 48	3.1E-02 341	1.1E-02 993	2.0E-05 5
00:05----01:05	1.7E-02 14 47	2.2E-02 363	1.2E-02 993	1.9E-05 5
00:20----01:20	2.0E-02 13 54	1.9E-02 384	1.3E-02 993	1.9E-05 5
00:35----01:35	1.9E-02 13 57	1.7E-02 399	1.3E-02 993	2.1E-05 4
00:50----01:50	2.0E-02 13 56	1.6E-02 406	1.3E-02 993	2.2E-05 4
01:05----02:05	2.1E-02 13 59	1.7E-02 402	1.3E-02 993	2.4E-05 4
01:20----02:20	2.2E-02 13 57	1.6E-02 390	1.2E-02 993	2.5E-05 3
01:35----02:35	2.1E-02 14 54	1.7E-02 373	1.2E-02 993	2.5E-05 2
01:50----02:50	2.0E-02 14 54	1.7E-02 358	1.2E-02 993	2.5E-05 2
02:05----03:05	1.9E-02 14 51	1.6E-02 350	1.3E-02 993	2.4E-05 2
02:20----03:20	1.8E-02 14 51	1.5E-02 352	1.3E-02 993	2.2E-05 3

THUNDER BAY #66, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
02:35----03:35	1.7E-02 14 52	1.5E-02 354	1.3E-02 992	2.2E-05 3
02:50----03:50	1.7E-02 14 57	1.7E-02 351	1.3E-02 992	2.2E-05 3
03:05----04:05	1.8E-02 14 61	2.2E-02 348	1.1E-02 992	2.2E-05 3
03:20----04:20	1.6E-02 14 61	2.5E-02 343	1.1E-02 992	2.2E-05 2
03:35----04:35	1.5E-02 14 64	2.7E-02 338	1.1E-02 992	2.4E-05 2
03:50----04:50	1.5E-02 14 60	2.8E-02 338	1.0E-02 992	2.3E-05 2
04:05----05:05	1.4E-02 14 54	2.4E-02 336	1.2E-02 992	2.3E-05 2
04:20----05:20	1.7E-02 14 53	2.3E-02 338	1.2E-02 992	2.3E-05 2
04:35----05:35	1.8E-02 14 .51	2.2E-02 343	1.2E-02 992	2.2E-05 2
04:50----05:50	2.1E-02 14 50	2.1E-02 347	1.2E-02 992	2.2E-05 2
05:05----06:05	2.4E-02 14 49	2.3E-02 352	1.1E-02 992	2.1E-05 1
05:20----06:20	2.8E-02 14 51	2.6E-02 355	1.1E-02 992	2.1E-05 1
05:35----06:35	3.1E-02 14 50	2.6E-02 357	1.0E-02 992	2.2E-05 2
05:50----06:50	2.9E-02 14 52	2.5E-02 360	9.2E-03 992	2.2E-05 2

THUNDER BAY #66, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
06:05----07:05	2.8E-02 14 51	2.6E-02 356	8.4E-03 992	2.5E-05 3
06:20----07:20	2.4E-02 14 53	3.0E-02 352	7.5E-03 992	4.1E-05 3
06:35----07:35	2.6E-02 14 56	3.5E-02 349	6.8E-03 992	1.1E-04 4
06:50----07:50	2.5E-02 14 54	5.2E-02 348	5.4E-03 992	2.6E-04 3
07:05----08:05	2.8E-02 14 54	6.1E-02 349	4.2E-03 992	4.8E-04 3
07:20----08:20	3.1E-02 14 49	6.9E-02 350	2.9E-03 992	1.0E-03 3
07:35----08:35	3.1E-02 14 40	8.2E-02 345	1.9E-03 993	1.9E-03 3
07:50----08:50	3.3E-02 14 44	7.4E-02 337	2.3E-03 993	3.1E-03 3
08:05----09:05	3.6E-02 14 46	7.0E-02 332	3.1E-03 993	4.6E-03 3
08:20----09:20	3.1E-02 14 49	6.7E-02 325	4.2E-03 993	5.6E-03 4
08:35----09:35	2.6E-02 15 52	5.4E-02 319	5.0E-03 993	6.6E-03 4

STATISTICS

NUMBER OF READINGS 540

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.72E-01	2.36E-02	2.13E-02	9.66E-03	1.42E+01
NO	6.92E-03	1.94E-01	3.10E-02	2.55E-02	2.45E-02	1.90E+00
OZONE	1.15E-04	1.82E-02	1.06E-02	4.10E-03	9.11E-03	2.00E+00
SOLAR RAD	1.00E-06	9.44E-03	6.66E-04	1.82E-03	5.52E-05	6.23E+00
TEMP	13	15	14	0		
HUMIDITY	302	462	352	29	351	1
BAROMETER	992	993	993	0	993	1
WIND SPEED	0	15	3	3	1	26

MAXIMUM
AVERAGE

NO2	3.66E-02
NO	8.24E-02
OZONE	1.63E-02
SOLAR RAD	6.60E-03
TEMP	15
HUMIDITY	406
BAROMETER	993
WIND SPEED	5
WIND DIRECTION	72

THUNDER BAY #67

DATE: SEP 8 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 60 MIN
 LOCATION:
 HWY #61, 0.1KM S OF BROADWAY (X2830-Y5790); 1.0KM & 290 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
10:14----11:14	2.6E-02 15 65	3.4E-02 275	1.5E-02 994	1.9E-02 7
10:29----11:29	2.5E-02 15 74	2.8E-02 271	1.5E-02 994	1.9E-02 8
10:44----11:44	2.6E-02 16 79	2.8E-02 269	1.5E-02 994	2.0E-02 8
10:59----11:59	2.1E-02 16 83	4.2E-02 267	1.5E-02 994	2.0E-02 9
11:14----12:14	4.6E-02 16 96	4.4E-02 267	1.4E-02 994	1.9E-02 8
11:29----12:29	5.6E-02 16 86	4.6E-02 269	1.3E-02 994	2.0E-02 7
11:44----12:44	6.1E-02 16 74	4.3E-02 273	1.3E-02 994	2.0E-02 7
11:59----12:59	6.4E-02 17 75	3.5E-02 272	1.3E-02 994	2.2E-02 7
12:14----13:14	4.1E-02 17 71	3.2E-02 271	1.6E-02 994	2.5E-02 8

STATISTICS

NUMBER OF READINGS 129

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	5.75E-01	3.86E-02	7.06E-02	3.90E-03	5.95E+01
NO	7.19E-03	2.79E-01	3.62E-02	4.03E-02	2.64E-02	2.03E+00
OZONE	6.27E-03	3.17E-02	1.55E-02	5.77E-03	1.45E-02	1.46E+00
SOLAR RAD	1.05E-02	3.39E-02	2.16E-02	4.69E-03	2.11E-02	1.23E+00
TEMP	15	17	16	1		
HUMIDITY	253	298	271	9	271	1
BAROMETER	993	994	994	0	994	1
WIND SPEED	1	20	9	4	8	2

MAXIMUM
AVERAGE

NO2	6.40E-02
NO	4.57E-02
OZONE	1.59E-02
SOLAR RAD	2.45E-02
TEMP	17
HUMIDITY	275
BAROMETER	994
WIND SPEED	9
WIND DIRECTION	96

THUNDER BAY #68

DATE: SEP 8 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: HWY #61 & BROADWAY (X2830-Y5800); 1.0KM & 305 DGS/SRC

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
13:41----14:41	5.6E-03 1.1E-02 266	5.2E-03 1.3E-02 993	2.3E-02 1.9E-02 9	1.1E-02 17 73
13:56----14:56	5.1E-03 9.4E-03 273	4.6E-03 1.3E-02 993	2.0E-02 1.8E-02 9	1.1E-02 17 71
14:11----15:11	4.7E-03 9.3E-03 274	4.0E-03 1.2E-02 993	2.0E-02 1.7E-02 8	1.1E-02 17 74
14:26----15:26	5.3E-03 9.9E-03 269	3.9E-03 1.1E-02 993	2.1E-02 1.8E-02 7	1.2E-02 17 73
14:41----15:41	5.3E-03 1.0E-02 263	3.8E-03 1.1E-02 993	2.4E-02 1.9E-02 7	1.4E-02 18 73
14:56----15:56	5.3E-03 1.2E-02 257	3.7E-03 1.1E-02 993	2.7E-02 1.9E-02 6	1.6E-02 18 73
15:11----16:11	6.3E-03 1.6E-02 250	3.9E-03 1.1E-02 993	3.1E-02 2.0E-02 6	1.6E-02 18 74
15:26----16:26	6.2E-03 2.0E-02 238	4.2E-03 1.1E-02 993	3.5E-02 2.0E-02 5	1.6E-02 18 76
15:41----16:41	6.0E-03 2.9E-02 228	4.6E-03 1.2E-02 993	4.1E-02 2.0E-02 4	1.6E-02 19 78
15:56----16:56	6.0E-03 2.9E-02 222	4.9E-03 1.2E-02 993	4.0E-02 1.9E-02 3	1.4E-02 19 74
16:11----17:11	4.9E-03 2.7E-02 218	5.0E-03 1.4E-02 992	3.7E-02 1.7E-02 3	1.4E-02 19 68
16:26----17:26	3.8E-03 2.4E-02 221	4.9E-03 1.5E-02 992	3.4E-02 1.5E-02 3	1.4E-02 19 63

THUNDER BAY #68, CONT'D

PAGE 2

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
16:41----17:41	3.4E-03 1.8E-02 229	4.6E-03 1.5E-02 992	2.6E-02 1.3E-02 3	1.3E-02 19 63
16:56----17:56	3.1E-03 1.7E-02 232	4.6E-03 1.5E-02 992	2.9E-02 1.2E-02 3	1.6E-02 19 66
17:11----18:11	2.9E-03 1.6E-02 237	4.5E-03 1.5E-02 992	2.9E-02 1.1E-02 3	1.7E-02 18 67
17:26----18:26	2.7E-03 1.5E-02 241	4.5E-03 1.4E-02 992	2.9E-02 9.7E-03 2	1.8E-02 18 64
17:41----18:41	2.3E-03 1.2E-02 242	4.4E-03 1.5E-02 992	2.7E-02 8.7E-03 3	1.7E-02 18 63
17:56----18:56	1.7E-03 1.4E-02 245	4.3E-03 1.5E-02 992	2.5E-02 7.5E-03 3	1.4E-02 18 68
18:11----19:11	1.4E-03 1.5E-02 249	4.3E-03 1.5E-02 992	2.5E-02 6.4E-03 3	1.3E-02 18 71
18:26----19:26	1.1E-03 1.6E-02 252	4.5E-03 1.5E-02 992	2.7E-02 5.6E-03 3	1.6E-02 18 72
18:41----19:41	9.7E-04 1.6E-02 257	4.8E-03 1.5E-02 992	2.8E-02 4.5E-03 3	1.7E-02 17 69
18:56----19:56	8.4E-04 1.3E-02 262	5.1E-03 1.5E-02 992	2.6E-02 3.3E-03 2	1.7E-02 17 65
19:11----20:11	7.6E-04 1.1E-02 267	5.3E-03 1.4E-02 992	2.6E-02 2.4E-03 2	1.9E-02 17 58
19:26----20:26	6.3E-04 8.2E-03 276	5.2E-03 1.3E-02 992	2.5E-02 1.5E-03 2	1.9E-02 17 56
19:41----20:41	5.5E-04 7.0E-03 282	5.1E-03 1.2E-02 992	2.6E-02 8.3E-04 2	2.0E-02 17 60
19:56----20:56	5.0E-04 6.8E-03 291	5.0E-03 1.1E-02 993	2.5E-02 3.6E-04 1	2.1E-02 17 58

THUNDER BAY #68, CONT'D

PAGE 3

TIME	H2S NO HUMIDITY	SO2 OZONE BAROMETER	NOX SOLAR RAD WIND SPEED	NO2 TEMP WIND DIRECTI
20:11----21:11	3.9E-04 6.8E-03 296	5.3E-03 1.1E-02 993	2.6E-02 1.4E-04 2	2.2E-02 16 61
20:26----21:26	3.4E-04 8.5E-03 302	5.7E-03 1.1E-02 993	2.3E-02 4.4E-05 2	1.7E-02 16 64

STATISTICS

NUMBER OF READINGS 316

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
H2S	1.00E-06	1.40E-02	3.09E-03	2.53E-03	1.67E-03	5.01E-03
SO2	2.76E-03	1.31E-02	4.84E-03	1.18E-03	4.72E-03	1.23E-03
NOX	1.22E-02	1.27E-01	2.76E-02	1.72E-02	2.47E-02	1.53E+00
NO2	1.00E-06	1.20E-01	1.56E-02	1.43E-02	8.12E-03	8.93E-03
NO	2.43E-03	1.41E-01	1.46E-02	1.61E-02	1.09E-02	1.98E-03
OZONE	7.28E-03	2.23E-02	1.30E-02	2.45E-03	1.27E-02	1.21E+00
SOLAR RAD	1.00E-06	3.21E-02	1.08E-02	8.05E-03	3.35E-03	1.49E+01
TEMP	15	20	18	1		
HUMIDITY	198	342	259	28	258	
BAROMETER	992	993	993	0	993	
WIND SPEED	0	18	4	4	1	25

MAXIMUM AVERAGE

H2S	6.28E-03
SO2	5.70E-03
NOX	4.13E-02
NO2	2.17E-02
NO	2.94E-02
OZONE	1.55E-02
SOLAR RAD	2.02E-02
TEMP	19
HUMIDITY	302
BAROMETER	993
WIND SPEED	9
WIND DIRECTION	78

THUNDER BAY #69

DATE: SEP 8 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: HWY #61 & BROADWAY (X2830-Y5800): 1.0KM & 305 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
21:40----22:40	3.2E-02 14 45	4.0E-02 378	6.9E-03 993	6.1E-06 1
21:55----22:55	3.8E-02 14 340	4.7E-02 397	4.0E-03 993	8.6E-06 0
22:10----23:10	3.9E-02 14 332	6.1E-02 425	1.3E-03 994	9.3E-06 1
22:25----23:25	3.4E-02 13 341	7.6E-02 478	8.8E-04 994	8.4E-06 1
22:40----23:40	3.1E-02 13 345	1.0E-01 517	6.2E-04 994	5.8E-06 1
22:55----23:55	3.3E-02 13 344	1.2E-01 559	1.2E-04 994	4.8E-06 2
23:10----00:10	3.6E-02 13 345	1.4E-01 605	9.2E-05 994	5.4E-06 2
23:25----00:25	4.0E-02 13 343	1.5E-01 647	8.5E-05 994	8.0E-06 3
23:40----00:40	4.2E-02 13 340	1.5E-01 688	6.1E-05 994	8.6E-06 3
23:55----00:55	3.9E-02 13 349	1.4E-01 720	1.2E-04 994	8.2E-06 3
00:10----01:10	4.0E-02 13 351	1.4E-01 745	2.4E-04 994	8.2E-06 3
00:25----01:25	3.9E-02 13 350	1.3E-01 740	2.5E-04 994	7.1E-06 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
00:40----01:40	3.6E-02 13 5	1.1E-01 738	4.1E-04 994	7.2E-06 3
00:55----01:55	3.4E-02 13 11	8.9E-02 748	8.3E-04 994	7.5E-06 3
01:10----02:10	2.7E-02 13 26	6.0E-02 750	1.4E-03 994	7.3E-06 3
01:25----02:25	2.0E-02 13 41	2.5E-02 753	2.7E-03 994	7.0E-06 3
01:40----02:40	1.6E-02 13 53	1.0E-02 734	4.5E-03 994	6.6E-06 4
01:55----02:55	1.4E-02 13 62	7.2E-03 687	6.1E-03 994	7.0E-06 4
02:10----03:10	1.2E-02 13 67	6.0E-03 616	7.7E-03 994	6.3E-06 4
02:25----03:25	1.0E-02 13 65	7.0E-03 532	8.9E-03 994	5.0E-06 4
02:40----03:40	1.3E-02 14 62	7.5E-03 458	9.5E-03 994	4.1E-06 4
02:55----03:55	1.4E-02 14 64	8.3E-03 398	9.9E-03 994	3.4E-06 5
03:10----04:10	1.8E-02 14 65	9.4E-03 356	9.7E-03 994	4.1E-06 4
03:25----04:25	2.0E-02 14 76	8.8E-03 336	9.3E-03 994	4.7E-06 5
03:40----04:40	1.8E-02 14 78	8.6E-03 325	9.5E-03 994	6.0E-06 7
03:55----04:55	1.8E-02 14 80	9.8E-03 318	9.2E-03 993	8.7E-06 6

THUNDER BAY #69, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
04:10----05:10	1.8E-02 14 80	1.0E-02 315	9.3E-03 993	1.1E-05 8
04:25----05:25	1.9E-02 14 79	1.1E-02 313	9.7E-03 993	1.6E-05 9
04:40----05:40	1.9E-02 14 84	1.2E-02 326	9.6E-03 993	2.0E-05 10
04:55----05:55	1.9E-02 14 88	1.1E-02 459	9.7E-03 993	1.8E-05 12
05:10----06:10	1.6E-02 13 87	9.5E-03 592	1.0E-02 994	2.0E-05 13
05:25----06:25	1.4E-02 13 86	9.3E-03 706	1.0E-02 994	1.9E-05 12
05:40----06:40	1.3E-02 13 84	8.4E-03 790	1.0E-02 994	1.8E-05 13
05:55----06:55	1.1E-02 13 76	6.3E-03 761	1.1E-02 994	2.3E-05 12
06:10----07:10	9.8E-03 13 76	6.3E-03 726	1.1E-02 994	2.5E-05 12
06:25----07:25	8.1E-03 13 73	5.2E-03 697	1.2E-02 994	3.2E-05 11
06:40----07:40	8.7E-03 13 71	5.0E-03 672	1.2E-02 993	5.4E-05 9
06:55----07:55	9.9E-03 13 75	5.8E-03 639	1.2E-02 993	1.4E-04 8
07:10----08:10	1.2E-02 13 76	6.2E-03 603	1.2E-02 993	2.7E-04 6
07:25----08:25	1.4E-02 13 81	7.3E-03 573	1.2E-02 993	4.2E-04 6

THUNDER BAY #69, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
07:40----08:40	1.5E-02 13 81	8.0E-03 554	1.1E-02 993	6.3E-04 6
07:55----08:55	1.6E-02 14 80	9.1E-03 540	1.1E-02 993	8.6E-04 6
08:10----09:10	1.5E-02 14 82	8.8E-03 533	1.1E-02 993	1.2E-03 8
08:25----09:25	1.5E-02 14 80	8.4E-03 530	1.1E-02 993	1.6E-03 9

STATISTICS

NUMBER OF READINGS 285

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.15E-01	2.17E-02	1.94E-02	1.27E-02	5.91E+00
NO	1.63E-03	2.91E-01	3.92E-02	5.74E-02	1.62E-02	3.58E+00
OZONE	1.00E-06	1.41E-02	7.11E-03	4.87E-03	2.12E-03	1.56E-01
SOLAR RAD	1.00E-06	2.92E-03	2.12E-04	5.59E-04	1.36E-05	9.85E-00
TEMP	12	15	13	1		
HUMIDITY	303	846	560	167	533	
BAROMETER	993	994	994	0	994	
WIND SPEED	0	25	6	5	2	39

MAXIMUM AVERAGE

NO2	4.25E-02
NO	1.51E-01
OZONE	1.22E-02
SOLAR RAD	1.64E-03
TEMP	14
HUMIDITY	790
BAROMETER	994
WIND SPEED	13
WIND DIRECTION	351

THUNDER BAY #70

DATE: SEP 9 1978

SCAN TIME: 90 SEC

AVERAGING TIME: 60 MIN

LOCATION:

HWY #61 & BROADWAY, CEMETERY (X2820-Y5800); 1.1KM & 305 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
11:59----12:59	2.4E-02 15 84	3.5E-02 473	9.0E-03 991	5.2E-03 6
12:14----13:14	2.2E-02 15 78	3.0E-02 468	9.2E-03 991	4.8E-03 6
12:29----13:29	1.9E-02 15 77	3.3E-02 458	9.2E-03 991	4.1E-03 5
12:44----13:44	1.8E-02 15 83	3.4E-02 453	9.9E-03 991	3.6E-03 6
12:59----13:59	2.1E-02 15 91	3.2E-02 477	1.0E-02 991	3.8E-03 7
13:14----14:14	2.4E-02 15 90	3.6E-02 514	1.0E-02 991	4.5E-03 7
13:29----14:29	2.4E-02 14 86	3.1E-02 556	1.1E-02 990	4.8E-03 7
13:44----14:44	2.5E-02 14 81	2.8E-02 590	1.1E-02 990	5.5E-03 7
13:59----14:59	2.2E-02 15 73	3.1E-02 593	1.1E-02 990	5.6E-03 6
14:14----15:14	1.9E-02 15 78	2.9E-02 587	1.1E-02 990	5.1E-03 6

STATISTICS

NUMBER OF READINGS 130

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.44E-01	2.25E-02	2.01E-02	4.62E-03	3.69E-01
NO	8.27E-03	1.58E-01	3.26E-02	2.53E-02	2.67E-02	1.83E-01
OZONE	4.34E-03	1.55E-02	1.01E-02	2.16E-03	9.83E-03	1.26E+00
SOLAR RAD	2.94E-03	7.52E-03	4.86E-03	1.27E-03	4.70E-03	1.30E-00
TEMP	14	15	15	0		
HUMIDITY	423	604	519	64	515	
BAROMETER	990	992	991	1	991	
WIND SPEED	0	18	7	4	5	

MAXIMUM
AVERAGE

NO2	2.47E-02
NO	3.56E-02
OZONE	1.14E-02
SOLAR RAD	5.60E-03
TEMP	15
HUMIDITY	593
BAROMETER	991
WIND SPEED	7
WIND DIRECTION	91

THUNDER BAY #71

DATE: SEP 9 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 60 MIN
 LOCATION:
 HWY #61, 0.2KM S OF BROADWAY (X2830-Y5780); 0.9KM & 295 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
15:23----16:23	2.0E-02 14 41	3.9E-02 629	1.0E-02 990	3.4E-03 9
15:26----16:26	2.1E-02 14 38	4.0E-02 631	9.6E-03 990	3.4E-03 10
15:29----16:29	2.0E-02 14 37	4.1E-02 632	9.4E-03 990	3.5E-03 10
15:32----16:32	2.2E-02 14 38	4.1E-02 634	9.5E-03 990	3.5E-03 10

STATISTICS

NUMBER OF READINGS 47

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	7.91E-02	2.10E-02	1.89E-02	4.58E-03	3.70E+01
NO	8.02E-03	1.95E-01	3.80E-02	3.93E-02	2.80E-02	2.06E+00
OZONE	3.97E-03	1.79E-02	1.00E-02	2.98E-03	9.57E-03	1.37E+00
SOLAR RAD	1.76E-03	5.27E-03	3.44E-03	1.00E-03	3.29E-03	1.36E+0
TEMP	14	15	14	0		
HUMIDITY	593	651	629	17	629	1
BAROMETER	990	990	990	0	990	1
WIND SPEED	3	17	10	3	9	1

MAXIMUM
AVERAGE

NO2	2.17E-02
NO	4.11E-02
OZONE	1.01E-02
SOLAR RAD	3.51E-03
TEMP	14
HUMIDITY	634
BAROMETER	990
WIND SPEED	10
WIND DIRECTION	41

THUNDER BAY #72

DATE: SEP 9 1978

SCAN TIME: 150 SEC

AVERAGING TIME: 60 MIN

LOCATION:

HWY #61 & BROADWAY, CEMETERY (X2830-Y5800); 1.0KM @ 305 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
16:52----17:52	2.8E-02 15 68	2.5E-02 608	9.0E-03 989	5.3E-03 6
17:07----18:07	2.2E-02 15 64	2.1E-02 591	9.5E-03 989	5.2E-03 7
17:22----18:22	2.3E-02 15 61	2.7E-02 567	9.4E-03 989	4.7E-03 7
17:37----18:37	2.6E-02 15 58	2.9E-02 544	9.7E-03 989	4.1E-03 7
17:52----18:52	2.4E-02 15 46	2.8E-02 523	1.0E-02 989	3.8E-03 7
18:07----19:07	2.5E-02 15 45	3.3E-02 514	9.7E-03 989	3.2E-03 6
18:22----19:22	2.5E-02 15 42	2.6E-02 509	9.7E-03 989	2.9E-03 6
18:37----19:37	2.4E-02 15 42	3.0E-02 502	8.8E-03 989	2.6E-03 5
18:52----19:52	2.4E-02 15 39	3.1E-02 496	8.0E-03 989	2.1E-03 4
19:07----20:07	2.8E-02 15 35	3.3E-02 493	7.3E-03 989	1.8E-03 4
19:22----20:22	3.1E-02 15 31	3.4E-02 496	6.1E-03 989	1.3E-03 3
19:37----20:37	3.2E-02 15 22	3.3E-02 505	4.8E-03 989	7.6E-04 2

THUNDER BAY #72, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
19:52----20:52	3.6E-02 15 28	3.9E-02 510	3.1E-03 989	4.1E-04 1
20:07----21:07	3.3E-02 15 32	4.3E-02 513	1.7E-03 990	1.6E-04 1
20:22----21:22	3.3E-02 15 24	5.3E-02 511	7.3E-04 990	5.3E-05 0
20:37----21:37	2.9E-02 15 39	5.8E-02 504	2.8E-04 990	2.7E-05 0
20:52----21:52	2.9E-02 15 31	6.7E-02 503	1.6E-04 990	1.6E-05 0
21:07----22:07	3.4E-02 15 35	6.3E-02 510	1.1E-04 990	1.4E-05 0
21:22----22:22	3.5E-02 15 34	6.7E-02 515	1.1E-04 990	1.6E-05 0
21:37----22:37	3.5E-02 15 39	6.3E-02 521	7.9E-04 990	2.2E-05 0
21:52----22:52	3.2E-02 15 .52	4.9E-02 525	1.9E-03 990	3.0E-05 0
22:07----23:07	2.4E-02 15 75	4.4E-02 521	2.9E-03 990	3.3E-05 0
22:22----23:22	2.6E-02 15 75	3.6E-02 516	3.7E-03 990	3.4E-05 0
22:37----23:37	2.8E-02 15 73	3.5E-02 514	3.1E-03 990	3.0E-05 0
22:52----23:52	2.9E-02 15 208	4.3E-02 514	1.9E-03 990	2.7E-05 0
23:07----00:07	3.3E-02 15 279	4.8E-02 528	9.7E-04 990	2.6E-05 0

THUNDER BAY #72, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
23:22----00:22	2.7E-02 14 272	4.9E-02 548	3.0E-04 990	2.4E-05 0
23:37----00:37	2.8E-02 14 266	5.0E-02 570	9.4E-04 990	2.6E-05 0
23:52----00:52	2.8E-02 14 269	4.7E-02 588	1.4E-03 990	2.7E-05 0
00:07----01:07	2.4E-02 14 264	4.4E-02 590	2.1E-03 990	2.6E-05 1
00:22----01:22	2.2E-02 14 274	3.7E-02 597	3.0E-03 990	2.6E-05 1
00:37----01:37	1.8E-02 14 273	3.6E-02 604	2.7E-03 990	2.6E-05 0
00:52----01:52	1.5E-02 14 272	3.6E-02 616	2.6E-03 990	2.5E-05 0
01:07----02:07	1.7E-02 14 286	3.5E-02 628	2.1E-03 990	2.5E-05 0
01:22----02:22	1.7E-02 13 233	3.6E-02 641	2.1E-03 990	2.5E-05 0
01:37----02:37	1.6E-02 13 208	3.5E-02 654	2.8E-03 990	2.5E-05 1
01:52----02:52	1.3E-02 13 199	3.0E-02 667	3.9E-03 990	2.5E-05 1
02:07----03:07	9.9E-03 13 197	2.8E-02 680	5.2E-03 990	2.7E-05 2
02:22----03:22	8.6E-03 13 193	2.7E-02 686	5.8E-03 990	2.7E-05 2
02:37----03:37	7.7E-03 13 195	2.4E-02 686	6.1E-03 990	2.8E-05 1

THUNDER BAY #72, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
02:52----03:52	7.2E-03 13 207	2.2E-02 686	6.3E-03 990	2.8E-05 1
03:07----04:07	6.6E-03 13 219	2.3E-02 685	6.2E-03 990	2.8E-05 1
03:22----04:22	6.2E-03 13 218	2.4E-02 685	6.0E-03 990	2.9E-05 1
03:37----04:37	6.5E-03 13 220	2.5E-02 685	5.9E-03 990	2.7E-05 1
03:52----04:52	6.1E-03 13 214	2.6E-02 685	5.6E-03 990	2.7E-05 1
04:07----05:07	7.1E-03 12 207	2.6E-02 685	5.5E-03 990	2.8E-05 0
04:22----05:22	7.0E-03 12 206	2.7E-02 679	5.4E-03 990	2.7E-05 0
04:37----05:37	7.4E-03 13 207	2.9E-02 664	5.1E-03 990	3.0E-05 0
04:52----05:52	7.9E-03 13 193	3.2E-02 643	4.6E-03 990	3.1E-05 0
05:07----06:07	9.1E-03 13 189	3.2E-02 619	4.2E-03 990	2.8E-05 0
05:22----06:22	1.0E-02 13 184	3.3E-02 604	3.8E-03 990	2.9E-05 0
05:37----06:37	8.8E-03 13 242	3.3E-02 599	3.6E-03 990	2.8E-05 0
05:52----06:52	8.8E-03 13 240	3.0E-02 607	3.4E-03 990	2.8E-05 0
06:07----07:07	7.0E-03 13 237	3.1E-02 616	2.8E-03 990	3.0E-05 0

THUNDER BAY #72; CONT'D

PAGE 5

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
06:22----07:22	6.1E-03 13 233	3.1E-02 621	2.4E-03 990	5.8E-05 0

STATISTICS

NUMBER OF READINGS 352

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.56E-01	2.00E-02	2.13E-02	7.24E-03	1.45E+01
NO	8.19E-03	2.26E-01	3.60E-02	2.51E-02	3.10E-02	1.66E+00
OZONE	1.00E-06	1.29E-02	4.31E-03	3.23E-03	1.80E-03	8.98E+00
SOLAR RAD	1.00E-06	7.60E-03	8.18E-04	1.64E-03	8.22E-05	8.05E+00
TEMP	12	16	14	1		
HUMIDITY	472	690	585	69	581	1
BAROMETER	989	990	990	0	990	1
WIND SPEED	0	15	2	3	0	995

MAXIMUM
AVERAGE

NO2	3.62E-02
NO	6.70E-02
OZONE	1.02E-02
SOLAR RAD	5.30E-03
TEMP	15
HUMIDITY	686
BAROMETER	990
WIND SPEED	7
WIND DIRECTION	286

RED ROCK #1

DATE: AUG 26 1978

SCAN TIME: 60 SEC

AVERAGING TIME: 60 MIN

LOCATION:

HWY #17, 1.6KM W OF GOLF CLUB RD (X0230-Y2605); 8KM @ 310 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
13:53----14:53	5.1E-02 18 165	1.2E-01 133	1.6E-02 986	1.3E-02 6
13:58----14:58	5.2E-02 18 165	1.3E-01 134	1.6E-02 986	1.2E-02 6
14:03----15:03	5.0E-02 18 168	1.3E-01 134	1.5E-02 986	1.1E-02 6
14:08----15:08	5.1E-02 18 169	1.4E-01 134	1.5E-02 986	1.1E-02 5
14:13----15:13	5.5E-02 18 169	1.5E-01 135	1.5E-02 986	1.1E-02 5
14:18----15:18	6.1E-02 18 169	1.6E-01 135	1.4E-02 986	1.0E-02 5
14:23----15:23	6.4E-02 18 168	1.6E-01 135	1.5E-02 986	9.7E-03 5

STATISTICS

NUMBER OF READINGS 92

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	4.73E-01	5.65E-02	7.33E-02	6.07E-03	7.12E+01
NO	3.48E-02	3.34E-01	1.40E-01	6.47E-02	1.26E-01	1.58E+00
OZONE	2.46E-03	2.41E-02	1.52E-02	5.15E-03	1.41E-02	1.53E+00
SOLAR RAD	4.66E-03	2.28E-02	1.12E-02	4.28E-03	1.04E-02	1.46E+00
TEMP	17	18	18	0		
HUMIDITY	129	140	135	3	134	1
BAROMETER	986	986	986	0	986	1
WIND SPEED	1	13	6	2	5	2

MAXIMUM
AVERAGE

NO2	6.42E-02
NO	1.62E-01
OZONE	1.56E-02
SOLAR RAD	1.33E-02
TEMP	18
HUMIDITY	135
BAROMETER	986
WIND SPEED	6
WIND DIRECTION	169

RED ROCK #2

DATE: AUG 26 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: WATER TREATMENT PLANT (X0780-Y2205); 1.3KM & 320 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
6:34----17:34	1.3E-02 13 201	1.2E-02 94	1.6E-02 697	5.5E-03 2
6:49----17:49	1.2E-02 13 217	1.5E-02 94	1.7E-02 697	4.9E-03 1
17:04----18:04	1.2E-02 13 204	1.2E-02 94	1.8E-02 697	4.7E-03 1
17:19----18:19	1.2E-02 15 170	1.3E-02 117	2.2E-02 847	5.6E-03 2
17:34----18:34	1.3E-02 18 170	1.4E-02 141	2.6E-02 996	7.5E-03 2
17:49----18:49	1.0E-02 18 166	8.0E-03 144	2.8E-02 996	7.4E-03 3
18:04----19:04	8.8E-03 18 168	5.8E-03 150	2.9E-02 996	6.8E-03 3
18:19----19:19	1.0E-02 18 170	6.2E-03 151	2.9E-02 995	6.0E-03 3
18:34----19:34	9.9E-03 18 166	1.2E-02 149	2.9E-02 995	4.2E-03 2
18:49----19:49	1.3E-02 18 168	1.6E-02 147	2.8E-02 995	3.0E-03 1
19:04----20:04	2.0E-02 18 159	2.3E-02 145	2.6E-02 995	2.0E-03 0
19:19----20:19	2.0E-02 18 5	2.5E-02 148	2.5E-02 995	1.4E-03 0

RED ROCK #2, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
19:34----20:34	2.2E-02 17 342	2.1E-02 152	2.3E-02 995	1.0E-03 0
19:49----20:49	2.1E-02 17 66	2.1E-02 158	2.1E-02 995	7.7E-04 0
20:04----21:04	2.1E-02 17 66	2.5E-02 162	2.0E-02 995	4.5E-04 0
20:19----21:19	2.2E-02 17 111	2.5E-02 164	1.9E-02 995	2.3E-04 0
20:34----21:34	2.3E-02 17 112	2.7E-02 166	1.7E-02 995	7.7E-05 0
20:49----21:49	2.1E-02 17 165	2.7E-02 169	1.8E-02 995	3.1E-05 1
21:04----22:04	1.6E-02 17 166	1.9E-02 173	1.8E-02 995	2.0E-05 1
21:19----22:19	1.7E-02 17 172	2.0E-02 178	1.5E-02 995	1.7E-05 0
21:34----22:34	1.7E-02 17 172	1.9E-02 183	1.3E-02 995	1.6E-05 0
21:49----22:49	2.0E-02 17 237	1.7E-02 187	1.1E-02 995	1.6E-05 0
22:04----23:04	2.1E-02 17 232	1.7E-02 192	8.6E-03 996	1.5E-05 0
22:19----23:19	1.8E-02 17 163	1.8E-02 196	1.2E-02 995	1.6E-05 1
22:34----23:34	1.7E-02 17 173	1.6E-02 197	1.2E-02 995	1.6E-05 0
22:49----23:49	2.0E-02 17 169	2.1E-02 198	1.1E-02 995	1.5E-05 0

RED ROCK #2, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
23:04----00:04	2.1E-02 17 169	2.1E-02 199	9.9E-03 995	1.4E-05 0
23:19----00:19	2.6E-02 17 291	2.5E-02 203	7.3E-03 995	1.2E-05 0
23:34----00:34	2.5E-02 17 147	2.6E-02 208	9.6E-03 995	1.5E-05 0
23:49----00:49	2.1E-02 17 155	2.7E-02 211	1.1E-02 995	1.5E-05 0
00:04----01:04	1.8E-02 17 172	2.8E-02 213	1.4E-02 995	1.5E-05 1
00:19----01:19	1.2E-02 17 174	2.1E-02 210	1.7E-02 995	1.4E-05 3
00:34----01:34	1.1E-02 17 177	1.8E-02 204	1.6E-02 995	1.2E-05 4
00:49----01:49	8.3E-03 17 177	1.1E-02 199	1.7E-02 995	1.2E-05 6
01:04----02:04	8.0E-03 17 178	6.8E-03 192	1.7E-02 995	1.3E-05 6
01:19----02:19	8.4E-03 17 179	5.1E-03 186	1.7E-02 995	1.5E-05 7
01:34----02:34	8.5E-03 17 179	3.9E-03 181	1.7E-02 995	1.5E-05 8
01:49----02:49	8.8E-03 17 179	3.3E-03 179	1.6E-02 995	1.5E-05 8
02:04----03:04	9.1E-03 17 175	3.0E-03 182	1.6E-02 994	1.4E-05 8
02:19----03:19	8.7E-03 17 172	2.8E-03 186	1.5E-02 994	1.2E-05 8

RED ROCK #2, CONT'D

PAGE 4

TIME	HO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
02:34----03:34	8.9E-03 17 168	2.7E-03 188	1.5E-02 994	1.1E-05 7
02:49----03:49	8.7E-03 17 165	2.8E-03 187	1.5E-02 994	1.1E-05 7
03:04----04:04	8.7E-03 17 164	3.0E-03 185	1.5E-02 994	1.2E-05 6
03:19----04:19	8.8E-03 17 163	3.0E-03 183	1.6E-02 994	1.3E-05 6
03:34----04:34	8.9E-03 17 160	3.2E-03 182	1.5E-02 994	1.3E-05 6
03:49----04:49	8.9E-03 17 156	3.2E-03 182	1.5E-02 994	1.2E-05 6
04:04----05:04	9.0E-03 17 155	3.1E-03 182	1.5E-02 994	1.0E-05 7
04:19----05:19	8.8E-03 17 154	3.0E-03 181	1.5E-02 993	1.0E-05 8
04:34----05:34	8.4E-03 17 156	2.9E-03 178	1.6E-02 993	1.4E-05 9
04:49----05:49	8.5E-03 17 156	2.6E-03 175	1.7E-02 993	1.9E-05 9
05:04----06:04	8.3E-03 17 155	2.6E-03 173	1.7E-02 993	2.2E-05 10
05:19----06:19	8.3E-03 17 158	2.6E-03 171	1.7E-02 993	2.3E-05 9
05:34----06:34	8.6E-03 17 160	2.6E-03 172	1.6E-02 993	2.3E-05 10
05:49----06:49	8.6E-03 17 163	2.6E-03 175	1.6E-02 993	3.0E-05 11

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
06:04----07:04	8.5E-03 17 165	2.6E-03 176	1.5E-02 993	7.1E-05 12
06:19----07:19	8.5E-03 17 164	2.7E-03 179	1.5E-02 993	1.8E-04 12
06:34----07:34	8.2E-03 17 161	2.8E-03 180	1.6E-02 993	3.8E-04 12
06:49----07:49	7.7E-03 17 158	2.7E-03 181	1.6E-02 993	5.7E-04 11
07:04----08:04	7.3E-03 17 159	2.6E-03 187	1.7E-02 993	7.3E-04 12
07:19----08:19	7.0E-03 17 161	3.6E-03 194	1.9E-02 993	8.9E-04 13
07:34----08:34	6.9E-03 17 164	3.5E-03 202	2.0E-02 993	1.2E-03 15
07:49----08:49	6.9E-03 17 165	3.6E-03 209	2.1E-02 993	1.8E-03 16
08:04----09:04	1.0E-02 17 165	3.6E-03 209	2.2E-02 993	2.4E-03 16
08:19----09:19	1.1E-02 17 166	2.3E-03 208	2.2E-02 993	3.0E-03 16
08:34----09:34	1.1E-02 17 165	2.4E-03 206	2.3E-02 993	3.6E-03 15
08:49----09:49	1.1E-02 17 167	2.3E-03 206	2.4E-02 992	4.2E-03 16
09:04----10:04	7.8E-03 17 166	2.4E-03 207	2.6E-02 992	4.5E-03 16
09:19----10:19	7.9E-03 17 167	2.5E-03 209	2.8E-02 992	4.6E-03 17

RED ROCK #2, CONT'D

PAGE 6

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
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STATISTICS

NUMBER OF READINGS 715

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.38E-01	1.27E-02	1.29E-02	7.21E-03	7.00E-03
NO	1.00E-06	1.50E-01	1.07E-02	1.56E-02	5.34E-03	4.48E-03
OZONE	1.00E-06	3.53E-02	1.83E-02	6.93E-03	1.45E-02	3.81E-02
SOLAR RAD	1.00E-06	1.19E-02	1.56E-03	2.60E-03	1.16E-04	1.57E-04
TEMP	0	18	17	2		
HUMIDITY	0	219	177	33	130	12
BAROMETER	0	997	978	128	702	14
WIND SPEED	0	24	6	6	0	81

MAXIMUM
AVERAGE

NO2	2.56E-02
NO	2.79E-02
OZONE	2.87E-02
SOLAR RAD	7.53E-03
TEMP	18
HUMIDITY	213
BAROMETER	996
WIND SPEED	17
WIND DIRECTION	342

RED ROCK #3

DATE: AUG 27 1978

SCAN TIME: 30 SEC

AVERAGING TIME: 60 MIN

LOCATION:

0.1KM E OF FENCE, 0.1KM SE OF ESSO (X0835-Y2150); 0.5KM @ 340 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
11:27----12:27	1.3E-02 17 197	5.9E-03 213	3.2E-02 992	7.4E-03 15
11:32----12:32	1.4E-02 17 196	5.9E-03 212	3.2E-02 992	7.6E-03 14
11:37----12:37	1.4E-02 17 196	6.0E-03 211	3.1E-02 992	7.9E-03 14
11:42----12:42	1.5E-02 17 193	6.7E-03 209	3.1E-02 992	8.1E-03 15
11:47----12:47	1.6E-02 17 194	6.8E-03 209	3.1E-02 992	8.3E-03 15
11:52----12:52	1.6E-02 17 193	6.8E-03 208	3.1E-02 992	8.6E-03 14

STATISTICS

NUMBER OF READINGS 174

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	7.84E-04	7.04E-02	1.54E-02	1.03E-02	1.31E-02	1.76E-03
NO	1.19E-03	4.98E-02	6.85E-03	7.13E-03	5.13E-03	2.01E-03
OZONE	1.05E-02	3.75E-02	3.12E-02	3.97E-03	3.08E-02	1.17E-02
SOLAR RAD	4.64E-03	1.16E-02	8.06E-03	1.51E-03	7.92E-03	1.21E-03
TEMP	16	17	17	0		
HUMIDITY	200	222	210	5	210	1
BAROMETER	991	993	992	0	992	1
WIND SPEED	6	24	15	3	14	1

MAXIMUM
AVERAGE

NO2	1.59E-02
NO	6.85E-03
OZONE	3.22E-02
SOLAR RAD	8.57E-03
TEMP	17
HUMIDITY	213
BAROMETER	992
WIND SPEED	15
WIND DIRECTION	197

RED ROCK #4

DATE: AUG 27 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 60 MIN
 LOCATION:
 2.4KM N OF HWY #628 ON RED ROCK RD #1 (X0560-Y2415); 5KM & 310DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
13:25----14:25	4.3E-02 17 116	6.6E-02 205	2.5E-02 982	4.7E-03 1
13:31----14:31	3.8E-02 17 114	6.3E-02 207	2.5E-02 982	4.7E-03 1
13:37----14:37	3.6E-02 17 114	6.2E-02 208	2.4E-02 982	4.5E-03 1
13:43----14:43	3.4E-02 17 116	6.0E-02 209	2.5E-02 982	4.6E-03 1
13:49----14:49	2.9E-02 17 117	5.6E-02 210	2.5E-02 982	4.5E-03 2
13:55----14:55	1.8E-02 17 116	5.0E-02 211	2.5E-02 982	4.5E-03 2
14:01----15:01	1.9E-02 17 117	4.9E-02 212	2.4E-02 981	4.9E-03 2
14:07----15:07	1.8E-02 17 116	4.9E-02 212	2.4E-02 981	5.1E-03 2
14:13----15:13	1.5E-02 17 114	4.8E-02 212	2.4E-02 981	5.3E-03 2
14:19----15:19	1.5E-02 17 117	4.8E-02 212	2.4E-02 981	5.5E-03 2
14:25----15:25	1.4E-02 17 117	4.4E-02 212	2.4E-02 981	5.7E-03 2
14:31----15:31	1.4E-02 17 117	5.3E-02 212	2.3E-02 981	5.9E-03 2

RED ROCK #4, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
14:37----15:37	1.5E-02 17 116	6.1E-02 211	2.3E-02 981	6.0E-03 2
14:43----15:43	2.1E-02 17 115	6.5E-02 212	2.2E-02 981	6.1E-03 2
14:49----15:49	2.2E-02 17 119	6.9E-02 212	2.2E-02 981	6.1E-03 1

STATISTICS

NUMBER OF READINGS 98

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	2.17E-01	2.88E-02	4.35E-02	2.62E-03	6.79E+01
NO	2.24E-02	2.29E-01	6.38E-02	3.81E-02	5.49E-02	1.72E+00
OZONE	1.63E-02	3.04E-02	2.36E-02	3.69E-03	2.33E-02	1.17E+00
SOLAR RAD	2.98E-03	8.38E-03	5.30E-03	1.21E-03	5.15E-03	1.27E+00
TEMP	17	17	17	0		
HUMIDITY	197	222	210	6	210	
BAROMETER	980	982	981	1	981	
WIND SPEED	0	9	2	2	0	380

MAXIMUM
AVERAGE

NO2	4.33E-02
NO	6.92E-02
OZONE	2.51E-02
SOLAR RAD	6.10E-03
TEMP	17
HUMIDITY	212
BAROMETER	982
WIND SPEED	2
WIND DIRECTION	119

RED ROCK #5

DATE: AUG 27 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: RED ROCK INN (X0785-Y2165): 1KM & 310 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
16:12----17:12	3.3E-02 18 72	3.3E-02 211	1.7E-02 989	5.6E-03 4
16:32----17:32	2.9E-02 18 61	2.8E-02 216	1.6E-02 988	4.8E-03 4
16:52----17:52	2.1E-02 18 71	2.2E-02 222	1.4E-02 988	4.2E-03 5
17:12----18:12	2.4E-02 18 72	2.0E-02 226	1.2E-02 988	3.6E-03 5
17:32----18:32	2.1E-02 18 64	1.6E-02 229	1.3E-02 988	3.0E-03 6
17:52----18:52	1.6E-02 17 51	9.7E-03 233	1.7E-02 988	2.2E-03 7
18:12----19:12	8.6E-03 17 46	4.1E-03 239	2.0E-02 988	2.0E-03 9
18:32----19:32	6.6E-03 17 44	2.9E-03 245	2.2E-02 988	1.6E-03 10
18:52----19:52	6.3E-03 17 44	2.3E-03 250	2.3E-02 987	1.3E-03 11
19:12----20:12	6.7E-03 17 40	1.9E-03 255	2.3E-02 987	1.2E-03 11
19:32----20:32	6.5E-03 17 42	1.7E-03 256	2.4E-02 987	9.6E-04 11
19:52----20:52	6.5E-03 17 41	2.4E-03 256	2.5E-02 987	6.0E-04 11

RED ROCK #5, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
20:12----21:12	6.4E-03 17 42	2.4E-03 258	2.5E-02 987	2.4E-04 10
20:32----21:32	6.5E-03 17 39	2.3E-03 261	2.6E-02 987	5.6E-05 10
20:52----21:52	7.1E-03 17 40	2.3E-03 265	2.6E-02 986	2.9E-05 8
21:12----22:12	9.0E-03 17 42	4.5E-03 267	2.5E-02 986	2.8E-05 6
21:32----22:32	9.2E-03 17 37	5.2E-03 270	2.5E-02 986	2.7E-05 5
21:52----22:52	8.1E-03 17 35	5.0E-03 267	2.6E-02 986	2.8E-05 4
22:12----23:12	6.9E-03 17 33	3.1E-03 259	2.7E-02 986	2.9E-05 5
22:32----23:32	8.0E-03 17 40	3.0E-03 247	2.8E-02 985	2.9E-05 4
22:52----23:52	1.2E-02 17 40	3.2E-03 239	2.7E-02 985	2.9E-05 3
23:12----00:12	1.5E-02 17 39	7.7E-03 237	2.7E-02 985	2.7E-05 2
23:32----00:32	1.7E-02 17 36	1.3E-02 239	2.4E-02 985	2.5E-05 1
23:52----00:52	1.5E-02 17 19	1.8E-02 240	2.1E-02 985	2.4E-05 0
00:12----01:12	1.4E-02 17 204	2.3E-02 242	1.7E-02 985	2.2E-05 0
00:32----01:32	1.6E-02 17 324	2.6E-02 244	1.6E-02 985	2.3E-05 0

RED ROCK #5, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
00:52----01:52	2.1E-02 17 324	3.2E-02 245	1.4E-02 984	2.1E-05 0
01:12----02:12	2.2E-02 17 298	2.8E-02 245	1.4E-02 984	2.3E-05 0
01:32----02:32	1.7E-02 17 279	2.4E-02 244	1.5E-02 984	2.0E-05 0
01:52----02:52	1.3E-02 17 190	1.9E-02 244	1.7E-02 984	1.9E-05 0
02:12----03:12	1.0E-02 17 201	2.0E-02 243	1.9E-02 983	1.8E-05 0
02:32----03:32	1.3E-02 17 205	2.1E-02 242	1.8E-02 983	1.9E-05 0
02:52----03:52	1.5E-02 17 238	2.0E-02 240	1.9E-02 983	1.7E-05 0
03:12----04:12	1.4E-02 17 281	1.8E-02 240	1.9E-02 982	1.3E-05 0
03:32----04:32	1.3E-02 17 228	1.5E-02 240	2.0E-02 982	1.4E-05 1
03:52----04:52	8.9E-03 17 195	1.2E-02 242	2.1E-02 982	1.5E-05 1
04:12----05:12	1.0E-02 17 195	9.5E-03 243	2.1E-02 982	1.6E-05 1
04:32----05:32	8.3E-03 16 207	7.4E-03 246	2.1E-02 982	1.4E-05 1
04:52----05:52	1.1E-02 16 224	7.9E-03 249	2.1E-02 982	2.1E-05 1
05:12----06:12	1.2E-02 17 222	1.0E-02 249	2.3E-02 982	2.6E-05 1

RED ROCK #5, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
05:32----06:32	1.4E-02 17 227	1.4E-02 244	2.5E-02 982	2.7E-05 1
05:52----06:52	1.2E-02 17 301	1.6E-02 237	2.7E-02 982	2.7E-05 0
06:12----07:12	1.1E-02 17 308	1.6E-02 233	2.6E-02 982	5.9E-05 0
06:32----07:32	1.5E-02 17 300	1.5E-02 233	2.5E-02 982	2.7E-04 0
06:52----07:52	1.7E-02 17 303	1.9E-02 231	2.5E-02 982	8.6E-04 0
07:12----08:12	2.4E-02 17 309	2.4E-02 226	2.5E-02 982	2.6E-03 0
07:32----08:32	2.3E-02 18 311	3.0E-02 221	2.6E-02 982	3.4E-03 0
07:52----08:52	2.5E-02 18 307	3.2E-02 219	2.6E-02 982	3.4E-03 0
08:12----09:12	2.3E-02 18 292	3.7E-02 219	2.3E-02 982	2.5E-03 0
08:32----09:32	2.0E-02 18 301	3.5E-02 219	2.3E-02 982	2.7E-03 0
08:52----09:52	2.2E-02 18 242	3.6E-02 218	2.1E-02 982	3.6E-03 0
09:12----10:12	2.1E-02 18 189	3.2E-02 212	1.9E-02 982	5.3E-03 0

STATISTICS

NUMBER OF READINGS 434

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.44E-01	1.51E-02	1.71E-02	6.79E-03	9.66E+00
NO	1.35E-04	1.47E-01	1.65E-02	1.61E-02	9.99E-03	3.08E+00
OZONE	7.18E-03	3.35E-02	2.13E-02	5.40E-03	2.05E-02	1.34E+00
SOLAR RAD	1.00E-06	9.06E-03	1.31E-03	2.05E-03	1.47E-04	1.23E+01
TEMP	16	19	17	1		
HUMIDITY	197	276	239	16	238	1
BAROMETER	981	989	985	2	985	1
WIND SPEED	0	17	3	4	0	1019

MAXIMUM
AVERAGE

NO2	3.33E-02
NO	3.71E-02
OZONE	2.76E-02
SOLAR RAD	5.60E-03
TEMP	18
HUMIDITY	270
BAROMETER	989
WIND SPEED	11
WIND DIRECTION	324

MARATHON #1

DATE: AUG 29 1978
 SCAN TIME: 60 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: TOURIST BOOTH ON HWY #17 (X4875-Y9940); 5.9KM & 045DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
11:01----12:01	1.1E-02 14 256	1.4E-02 92	1.6E-02 762	3.1E-02 7
11:11----12:11	1.3E-02 18 253	1.7E-02 111	1.9E-02 924	3.8E-02 8
11:21----12:21	1.5E-02 19 253	1.9E-02 111	1.9E-02 972	4.4E-02 9
11:31----12:31	1.5E-02 19 255	2.0E-02 105	1.9E-02 972	5.0E-02 8
11:41----12:41	1.5E-02 20 254	2.0E-02 100	1.8E-02 972	5.1E-02 9
11:51----12:51	1.6E-02 20 252	2.1E-02 98	1.8E-02 972	5.3E-02 9
12:01----13:01	1.6E-02 20 254	2.3E-02 96	1.7E-02 972	5.6E-02 9
12:11----13:11	1.6E-02 20 254	2.3E-02 93	1.7E-02 972	6.1E-02 10
12:21----13:21	1.6E-02 21 250	2.2E-02 91	1.7E-02 972	6.3E-02 11

STATISTICS

NUMBER OF READINGS 149

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	5.32E-02	1.38E-02	1.02E-02	3.45E-03	2.94E+01
NO	1.00E-06	7.89E-02	1.84E-02	1.07E-02	7.87E-03	1.66E+01
OZONE	1.00E-06	2.35E-02	1.67E-02	5.65E-03	7.69E-03	1.61E+01
SOLAR RAD	1.00E-06	6.89E-02	4.82E-02	2.07E-02	1.95E-02	2.18E+01
TEMP	0	22	18	6		
HUMIDITY	0	138	93	32	20	185
BAROMETER	0	972	887	275	160	351
WIND SPEED	0	21	9	5	2	113

MAXIMUM
AVERAGE

NO2	1.63E-02
NO	2.35E-02
OZONE	1.91E-02
SOLAR RAD	6.30E-02
TEMP	21
HUMIDITY	111
BAROMETER	972
WIND SPEED	11
WIND DIRECTION	256

MARATHON #2

DATE: AUG 29 1978

SCAN TIME: 60 SEC

AVERAGING TIME: 60 MIN

LOCATION:

MIN OF TRANS & COMM. ON HWY #17 (X4740-Y0085); 5.6KM & 030 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
13:25----14:25	9.5E-03 19 252	6.4E-03 100	2.1E-02 973	6.7E-02 17
13:35----14:35	9.1E-03 19 252	5.9E-03 102	2.1E-02 974	6.7E-02 18
13:45----14:45	8.6E-03 18 254	5.6E-03 105	2.2E-02 974	6.5E-02 18
13:55----14:55	7.7E-03 18 254	5.2E-03 108	2.3E-02 974	5.7E-02 19
14:05----15:05	7.5E-03 18 254	5.1E-03 111	2.5E-02 974	5.1E-02 19
14:15----15:15	7.2E-03 18 254	5.4E-03 114	2.6E-02 974	4.8E-02 19
14:25----15:25	7.0E-03 18 254	4.8E-03 115	2.8E-02 974	4.6E-02 18
14:35----15:35	6.9E-03 17 253	4.5E-03 116	3.0E-02 974	4.6E-02 18

STATISTICS

NUMBER OF READINGS 133

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.93E-03	2.15E-02	8.04E-03	3.11E-03	7.46E-03	1.50E+00
NO	3.63E-04	3.61E-02	5.26E-03	3.48E-03	4.50E-03	1.80E+00
OZONE	1.83E-02	3.27E-02	2.51E-02	4.68E-03	2.46E-02	1.21E+00
SOLAR RAD	1.28E-02	8.93E-02	5.73E-02	1.86E-02	5.28E-02	1.58E+00
TEMP	17	20	18	1		
HUMIDITY	89	123	108	9	108	1
BAROMETER	973	974	974	0	974	1
WIND SPEED	8	32	18	5	18	1

MAXIMUM
AVERAGE

NO2	9.53E-03
NO	6.37E-03
OZONE	2.95E-02
SOLAR RAD	6.74E-02
TEMP	19
HUMIDITY	116
BAROMETER	974
WIND SPEED	19
WIND DIRECTION	254

MARATHON #4

DATE: AUG 29 1978

SCAN TIME: 120 SEC

AVERAGING TIME: 60 MIN

LOCATION:

WATER TOWER IN DOWNTOWN MARATHON (X4545-Y9615); 1.0KM & 090 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
17:02----18:02	1.2E-02 17 288	1.3E-02 135	2.5E-02 983	2.2E-02 17
17:22----18:22	1.7E-02 16 294	1.4E-02 162	2.1E-02 984	8.8E-03 17
17:42----18:42	1.6E-02 14 288	1.2E-02 198	2.1E-02 984	1.3E-03 15
18:02----19:02	1.4E-02 14 273	1.0E-02 222	2.2E-02 984	2.5E-03 9
18:22----19:22	9.8E-03 14 254	5.5E-03 236	2.6E-02 984	3.0E-03 8
18:42----19:42	9.9E-03 14 246	4.1E-03 236	2.6E-02 984	3.8E-03 5
19:02----20:02	1.1E-02 14 231	4.3E-03 235	2.7E-02 984	4.0E-03 5
19:22----20:22	1.2E-02 14 221	4.2E-03 231	2.8E-02 984	4.0E-03 4
19:42----20:42	1.2E-02 14 231	4.0E-03 230	3.0E-02 984	2.8E-03 5
20:02----21:02	1.3E-02 14 263	5.0E-03 231	3.2E-02 984	9.5E-04 7
20:22----21:22	1.8E-02 14 277	7.9E-03 233	3.0E-02 984	1.7E-04 8
20:42----21:42	2.4E-02 14 277	1.4E-02 230	2.7E-02 985	4.7E-05 8

MARATHON #4, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
21:02----22:02	2.4E-02 14 279	1.6E-02 226	2.4E-02 985	2.9E-05 6
21:22----22:22	2.1E-02 14 279	1.7E-02 222	2.5E-02 985	2.4E-05 4
21:42----22:42	1.8E-02 14 292	1.8E-02 219	2.5E-02 985	2.2E-05 3
22:02----23:02	1.7E-02 14 331	2.3E-02 212	2.3E-02 986	1.8E-05 1
22:22----23:22	1.5E-02 14 346	2.6E-02 200	2.1E-02 986	1.9E-05 2
22:42----23:42	1.0E-02 14 355	2.3E-02 184	2.0E-02 986	1.5E-05 4
23:02----00:02	8.7E-03 14 1	1.6E-02 168	1.8E-02 986	1.3E-05 7
23:22----00:22	7.7E-03 14 358	8.4E-03 149	1.8E-02 987	9.9E-06 9
23:42----00:42	7.8E-03 13 358	5.3E-03 140	1.7E-02 987	9.4E-06 10
00:02----01:02	8.1E-03 13 356	4.4E-03 136	1.6E-02 987	7.1E-06 9
00:22----01:22	7.9E-03 12 357	5.0E-03 138	1.5E-02 988	6.6E-06 9
00:42----01:42	7.8E-03 12 0	5.0E-03 135	1.5E-02 988	1.4E-05 9
01:02----02:02	6.7E-03 12 4	6.0E-03 133	1.5E-02 988	1.5E-05 8
01:22----02:22	7.2E-03 11 11	6.5E-03 133	1.5E-02 989	2.0E-05 7

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
01:42----02:42	7.4E-03 11 9	7.3E-03 138	1.4E-02 989	1.9E-05 7
02:02----03:02	7.1E-03 11 7	6.3E-03 140	1.5E-02 989	2.1E-05 9
02:22----03:22	8.1E-03 10 7	6.0E-03 140	1.6E-02 989	2.0E-05 11
02:42----03:42	7.8E-03 10 13	7.0E-03 137	1.8E-02 990	1.7E-05 11
03:02----04:02	8.1E-03 9 15	8.4E-03 135	1.9E-02 990	1.3E-05 10
03:22----04:22	7.1E-03 9 20	1.0E-02 134	1.9E-02 991	9.7E-06 9
03:42----04:42	7.2E-03 9 14	1.1E-02 132	2.0E-02 991	1.3E-05 7
04:02----05:02	8.3E-03 8 14	1.1E-02 130	2.0E-02 991	1.6E-05 6
04:22----05:22	8.8E-03 8 14	1.3E-02 127	1.9E-02 991	2.0E-05 6
04:42----05:42	9.0E-03 8 20	1.2E-02 128	1.8E-02 991	2.1E-05 5
05:02----06:02	8.1E-03 8 20	1.5E-02 128	1.8E-02 992	2.5E-05 5
05:22----06:22	8.2E-03 8 20	1.5E-02 130	1.8E-02 992	1.8E-05 4
05:42----06:42	1.3E-02 8 23	3.7E-02 137	1.7E-02 992	1.8E-05 3
06:02----07:02	1.8E-02 8 38	4.5E-02 152	1.6E-02 993	4.8E-05 2

MARATHON #4, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
06:22----07:22	1.7E-02 7 46	4.8E-02 170	1.6E-02 993	3.1E-04 2
06:42----07:42	1.2E-02 7 45	3.1E-02 178	1.7E-02 993	1.0E-03 3
07:02----08:02	9.8E-03 7 43	3.0E-02 174	1.7E-02 994	2.0E-03 3
07:22----08:22	1.1E-02 7 42	3.4E-02 158	1.7E-02 994	3.2E-03 2
07:42----08:42	1.2E-02 8 38	3.3E-02 142	1.7E-02 994	4.7E-03 2
08:02----09:02	1.3E-02 8 42	2.8E-02 128	1.8E-02 994	7.4E-03 3
08:22----09:22	1.3E-02 9 41	2.4E-02 111	1.8E-02 994	1.7E-02 3
08:42----09:42	1.3E-02 10 36	2.2E-02 95	2.0E-02 995	2.6E-02 5

STATISTICS

NUMBER OF READINGS 508

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.06E-01	1.17E-02	1.01E-02	8.82E-03	2.94E-03
NO	1.83E-03	3.33E-01	1.53E-02	1.94E-02	1.08E-02	2.23E-03
OZONE	5.87E-03	3.74E-02	2.03E-02	5.54E-03	1.95E-02	1.32E-03
SOLAR RAD	1.00E-06	4.75E-02	4.33E-03	1.05E-02	1.23E-04	2.36E-01
TEMP	7	19	12	3		
HUMIDITY	69	249	163	46	156	
BAROMETER	983	995	988	4	988	
WIND SPEED	0	39	7	6	3	15

MAXIMUM
AVERAGE

NO2	2.42E-02
NO	4.81E-02
OZONE	3.17E-02
SOLAR RAD	2.64E-02
TEMP	17
HUMIDITY	236
BAROMETER	995
WIND SPEED	17
WIND DIRECTION	358

MARATHON #5

DATE: AUG 31 1978

SCAN TIME: 150 SEC

AVERAGING TIME: 60 MIN

LOCATION:

3.2KM W OF OPP STATION ON HWY#17 (X4410-Y0230); 6.2KM @ 355 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
16:31----17:31	6.7E-03 6 254	7.2E-03 24	8.0E-03 329	8.0E-03 1
16:46----17:46	1.5E-02 10 251	1.2E-02 43	1.4E-02 576	9.9E-03 2
17:01----18:01	2.1E-02 14 260	2.3E-02 63	1.9E-02 823	1.1E-02 4
17:16----18:16	2.6E-02 16 263	2.9E-02 78	2.2E-02 987	1.0E-02 5
17:31----18:31	2.5E-02 16 262	3.1E-02 81	2.1E-02 987	6.4E-03 4
17:46----18:46	2.4E-02 15 266	3.2E-02 85	2.1E-02 987	5.5E-03 5
18:01----19:01	2.2E-02 15 262	2.3E-02 88	2.3E-02 987	4.7E-03 4
18:16----19:16	1.9E-02 15 255	1.7E-02 93	2.5E-02 987	3.9E-03 5
18:31----19:31	1.7E-02 14 254	1.4E-02 99	2.6E-02 987	3.3E-03 5
18:46----19:46	1.5E-02 14 251	1.4E-02 107	2.6E-02 987	2.8E-03 4
19:01----20:01	1.8E-02 14 248	2.1E-02 116	2.4E-02 986	2.5E-03 4
19:16----20:16	1.9E-02 13 251	2.7E-02 126	2.2E-02 986	2.2E-03 2

MARATHON #5, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
19:31----20:31	2.4E-02 13 259	2.9E-02 136	1.9E-02 986	1.7E-03 2
19:46----20:46	1.9E-02 9 268	2.4E-02 105	1.3E-02 739	1.1E-03 1
20:01----21:01	1.2E-02 6 275	1.4E-02 72	7.7E-03 493	5.1E-04 1

STATISTICS

NUMBER OF READINGS 112

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	6.50E-02	1.58E-02	1.51E-02	7.75E-04	1.11E+02
NO	1.00E-06	1.11E-01	1.75E-02	2.07E-02	1.14E-03	9.09E+01
OZONE	1.00E-06	2.82E-02	1.58E-02	1.06E-02	1.25E-03	9.32E+01
SOLAR RAD	1.00E-06	3.49E-02	4.13E-03	6.64E-03	3.56E-04	4.51E+01
TEMP	0	17	10	7		
HUMIDITY	0	151	73	51	1	425
BAROMETER	0	988	705	448	3	1206
WIND SPEED	0	16	3	4	0	978

MAXIMUM
AVERAGE

NO2	2.63E-02
NO	3.16E-02
OZONE	2.58E-02
SOLAR RAD	1.15E-02
TEMP	16
HUMIDITY	136
BAROMETER	987
WIND SPEED	5
WIND DIRECTION	275

6199-

MARATHON #6

DATE: AUG 31 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: OPP STATION ON HWY #17 (X4700-Y0100); 5.5KM @ 025 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
21:22----22:22	8.4E-03 11 237	7.1E-03 140	2.4E-02 983	9.0E-06 8
21:37----22:37	8.7E-03 11 235	6.8E-03 143	2.4E-02 983	1.2E-05 8
21:52----22:52	8.5E-03 11 236	6.4E-03 145	2.5E-02 983	1.2E-05 10
22:07----23:07	9.0E-03 11 236	5.0E-03 149	2.5E-02 983	1.1E-05 10
22:22----23:22	9.2E-03 11 236	5.5E-03 153	2.4E-02 983	9.2E-06 9
22:37----23:37	1.1E-02 11 237	5.4E-03 157	2.3E-02 983	8.9E-06 9
22:52----23:52	1.1E-02 11 239	5.9E-03 160	2.1E-02 983	8.6E-06 8
23:07----00:07	1.2E-02 11 241	6.9E-03 161	2.2E-02 983	8.8E-06 8
23:22----00:22	1.2E-02 11 242	5.4E-03 162	2.2E-02 983	7.6E-06 8
23:37----00:37	1.2E-02 11 246	4.4E-03 162	2.3E-02 983	5.6E-06 8
23:52----00:52	1.1E-02 11 248	3.1E-03 159	2.4E-02 983	4.4E-06 7
00:07----01:07	1.2E-02 11 253	1.3E-03 149	2.4E-02 983	6.4E-06 7

MARATHON #6, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
00:22----01:22	1.3E-02 11 254	1.4E-03 135	2.4E-02 983	8.1E-06 8
00:37----01:37	1.3E-02 11 253	1.1E-03 123	2.5E-02 983	8.4E-06 9
00:52----01:52	1.4E-02 11 253	1.2E-03 114	2.4E-02 983	9.4E-06 9
01:07----02:07	1.4E-02 11 251	2.0E-03 115	2.4E-02 983	5.8E-06 8
01:22----02:22	1.4E-02 11 249	3.7E-03 120	2.4E-02 983	4.4E-06 6
01:37----02:37	1.5E-02 11 245	6.2E-03 127	2.3E-02 983	4.1E-06 5
01:52----02:52	1.6E-02 11 244	1.0E-02 138	2.1E-02 983	2.8E-06 4
02:07----03:07	1.8E-02 11 244	1.4E-02 148	1.9E-02 983	3.8E-06 3
02:22----03:22	1.6E-02 10 243	1.8E-02 155	1.6E-02 942	2.9E-06 3
02:37----03:37	1.4E-02 9 244	2.5E-02 168	1.4E-02 942	3.6E-06 1
02:52----03:52	1.2E-02 7 249	3.6E-02 179	1.2E-02 942	4.9E-06 0

STATISTICS

NUMBER OF READINGS 160

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	5.04E-02	1.18E-02	6.47E-03	8.49E-03	4.74E+00
NO	1.00E-06	7.48E-02	1.15E-02	1.64E-02	2.64E-03	1.81E+01
OZONE	5.75E-03	2.75E-02	2.12E-02	5.30E-03	2.02E-02	1.39E+00
SOLAR RAD	1.00E-06	3.32E-05	6.80E-06	6.72E-06	3.60E-06	3.41E+00
TEMP	5	11	10	2		
HUMIDITY	108	206	150	24	148	1
BAROMETER	0	984	977	78	935	2
WIND SPEED	0	19	6	4	1	188

MAXIMUM
AVERAGE

NO2	1.81E-02
NO	3.56E-02
OZONE	2.52E-02
SOLAR RAD	1.21E-05
TEMP	11
HUMIDITY	179
BAROMETER	983
WIND SPEED	10
WIND DIRECTION	254

MARATHON #7

DATE: SEP 1 1978

SCAN TIME: 60 SEC

AVERAGING TIME: 60 MIN

LOCATION:

0.8KM W OF ANGLERS CREEK ON HWY #17 (X4275-Y0285); 7.0KM @ 345 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
14:12----15:12	2.8E-02 19 169	1.3E-02 157	3.3E-02 987	2.3E-02 7
14:22----15:22	2.7E-02 18 167	1.4E-02 161	3.4E-02 987	2.0E-02 7
14:32----15:32	2.6E-02 18 168	1.3E-02 164	3.5E-02 987	1.6E-02 6
14:42----15:42	2.4E-02 18 166	1.2E-02 168	3.6E-02 986	1.4E-02 6
14:52----15:52	2.1E-02 18 163	1.3E-02 173	3.8E-02 986	1.3E-02 6
15:02----16:02	2.1E-02 18 159	1.2E-02 180	3.9E-02 986	1.1E-02 6
15:12----16:12	1.9E-02 17 158	1.0E-02 189	4.0E-02 986	8.2E-03 5
15:22----16:22	2.0E-02 17 172	8.5E-03 198	3.9E-02 986	6.2E-03 4

STATISTICS

NUMBER OF READINGS 133

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	6.82E-02	2.34E-02	1.17E-02	1.71E-02	4.76E+00
NO	7.49E-04	4.53E-02	1.14E-02	9.00E-03	8.48E-03	2.25E+00
OZONE	2.47E-02	4.45E-02	3.61E-02	5.35E-03	3.57E-02	1.16E+00
SOLAR RAD	8.48E-04	4.49E-02	1.43E-02	1.02E-02	9.54E-03	2.99E+00
TEMP	16	19	18	1		
HUMIDITY	146	244	179	25	177	1
BAROMETER	984	988	986	1	986	1
WIND SPEED	0	25	7	5	4	8

MAXIMUM
AVERAGE

NO2	2.75E-02
NO	1.35E-02
OZONE	4.00E-02
SOLAR RAD	2.33E-02
TEMP	19
HUMIDITY	198
BAROMETER	987
WIND SPEED	7
WIND DIRECTION	172

TERRACE BAY #1

DATE: AUG 28 1978
 SCAN TIME: 90 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: MOOSE LODGE, OFF MILL RD. (X9300-Y0400); 1.1KM & 130 DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
15:27----16:27	1.0E-02 24 340	1.2E-02 81	3.2E-02 971	2.6E-02 8
15:42----16:42	1.5E-02 24 332	1.3E-02 74	3.3E-02 971	2.6E-02 7
15:57----16:57	1.7E-02 24 329	1.4E-02 69	3.2E-02 971	2.5E-02 6
16:12----17:12	1.9E-02 25 325	1.5E-02 65	3.1E-02 971	2.3E-02 5
16:27----17:27	2.0E-02 25 318	1.6E-02 58	3.0E-02 971	2.3E-02 7
16:42----17:42	1.4E-02 26 321	1.6E-02 52	2.8E-02 971	2.1E-02 8
16:57----17:57	1.5E-02 26 322	1.6E-02 47	2.7E-02 971	1.9E-02 9
17:12----18:12	1.6E-02 25 319	1.6E-02 44	2.7E-02 971	1.5E-02 10
17:27----18:27	1.6E-02 25 319	1.5E-02 44	2.5E-02 972	1.2E-02 9
17:42----18:42	1.6E-02 25 322	1.5E-02 45	2.4E-02 972	8.8E-03 9
17:57----18:57	1.5E-02 24 323	1.3E-02 48	2.4E-02 972	7.9E-03 10
18:12----19:12	1.3E-02 24 328	1.2E-02 51	2.3E-02 972	8.1E-03 10

TERRACE BAY #1, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
18:27----19:27	1.3E-02 23 330	1.2E-02 55	2.2E-02 972	7.5E-03 9
18:42----19:42	1.3E-02 22 330	1.0E-02 59	2.1E-02 972	6.8E-03 8
18:57----19:57	1.2E-02 22 329	1.1E-02 64	2.1E-02 972	5.8E-03 6
19:12----20:12	1.3E-02 21 326	1.2E-02 69	2.0E-02 972	4.3E-03 5
19:27----20:27	1.3E-02 20 330	1.1E-02 73	2.0E-02 972	2.6E-03 5
19:42----20:42	1.3E-02 20 331	1.1E-02 77	2.0E-02 972	1.7E-03 5
19:57----20:57	1.2E-02 20 332	1.1E-02 80	2.1E-02 972	1.1E-03 5
20:12----21:12	1.0E-02 19 332	1.0E-02 82	2.1E-02 972	4.8E-04 6
20:27----21:27	7.6E-03 19 331	9.4E-03 84	2.1E-02 972	1.2E-04 7
20:42----21:42	7.9E-03 19 333	8.5E-03 84	2.2E-02 972	3.8E-05 8
20:57----21:57	9.3E-03 19 334	7.0E-03 84	2.1E-02 973	1.9E-05 10
21:12----22:12	8.8E-03 19 336	5.6E-03 84	2.1E-02 973	1.7E-05 10
21:27----22:27	1.0E-02 19 334	5.4E-03 84	2.1E-02 973	1.7E-05 11
21:42----22:42	9.3E-03 18 332	5.0E-03 86	2.0E-02 973	1.6E-05 10

TERRACE BAY #1, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
21:57----22:57	7.3E-03 18 331	5.0E-03 88	2.0E-02 973	1.4E-05 10
22:12----23:12	7.1E-03 18 332	4.9E-03 90	2.0E-02 973	1.2E-05 10
22:27----23:27	4.7E-03 18 335	4.3E-03 92	2.0E-02 973	1.1E-05 9
22:42----23:42	4.8E-03 18 337	4.5E-03 95	2.0E-02 973	1.2E-05 9
22:57----23:57	5.2E-03 18 336	4.9E-03 96	2.0E-02 973	1.4E-05 8
23:12----00:12	7.5E-03 18 333	5.1E-03 98	1.9E-02 973	1.7E-05 8
23:27----00:27	9.0E-03 18 332	5.5E-03 100	1.8E-02 973	1.8E-05 8
23:42----00:42	9.5E-03 18 330	6.1E-03 102	1.7E-02 973	1.7E-05 7
23:57----00:57	9.4E-03 18 331	6.5E-03 104	1.7E-02 973	1.8E-05 7
00:12----01:12	9.5E-03 17 331	6.3E-03 107	1.7E-02 974	1.7E-05 5
00:27----01:27	1.0E-02 17 333	6.1E-03 110	1.7E-02 974	1.5E-05 5
00:42----01:42	9.8E-03 17 334	5.4E-03 114	1.7E-02 974	1.2E-05 5
00:57----01:57	1.0E-02 17 334	5.1E-03 120	1.7E-02 974	7.0E-06 4
01:12----02:12	8.7E-03 16 334	5.4E-03 128	1.7E-02 974	5.0E-06 4

TERRACE BAY #1, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
01:27----02:27	7.5E-03 16 333	6.3E-03 136	1.6E-02 975	7.7E-06 4
01:42----02:42	8.4E-03 16 336	6.4E-03 142	1.6E-02 975	1.6E-05 3
01:57----02:57	8.1E-03 16 340	6.4E-03 145	1.6E-02 975	2.2E-05 3
02:12----03:12	8.7E-03 16 338	6.3E-03 144	1.6E-02 975	2.7E-05 4
02:27----03:27	8.3E-03 16 339	5.2E-03 140	1.7E-02 975	2.8E-05 6
02:42----03:42	7.2E-03 16 336	4.8E-03 139	1.8E-02 975	2.1E-05 7
02:57----03:57	6.6E-03 16 337	4.6E-03 145	1.9E-02 975	1.6E-05 8
03:12----04:12	4.8E-03 16 340	4.3E-03 158	2.0E-02 975	1.3E-05 8
03:27----04:27	4.7E-03 15 337	4.4E-03 173	1.9E-02 975	1.2E-05 7
03:42----04:42	5.2E-03 15 336	4.3E-03 182	1.9E-02 975	1.7E-05 7
03:57----04:57	5.5E-03 15 331	3.7E-03 186	1.8E-02 975	1.9E-05 7
04:12----05:12	6.4E-03 15 327	3.2E-03 182	1.8E-02 975	1.9E-05 7
04:27----05:27	6.2E-03 15 329	2.9E-03 178	1.8E-02 975	1.5E-05 7
04:42----05:42	5.6E-03 14 332	3.4E-03 177	1.8E-02 975	1.0E-05 6

TERRACE BAY #1, CONT'D

PAGE 5

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
04:57----05:57	5.1E-03 14 335	3.7E-03 180	1.8E-02 975	9.3E-06 4
05:12----06:12	4.6E-03 14 340	4.5E-03 186	1.7E-02 976	9.2E-06 3
05:27----06:27	4.6E-03 13 341	5.1E-03 193	1.7E-02 975	1.3E-05 2
05:42----06:42	5.8E-03 13 331	5.3E-03 199	1.6E-02 976	2.0E-05 2
05:57----06:57	7.7E-03 13 329	5.8E-03 203	1.5E-02 976	4.6E-05 2
06:12----07:12	9.5E-03 13 329	5.4E-03 206	1.6E-02 976	1.6E-04 3
06:27----07:27	1.1E-02 13 329	4.7E-03 207	1.7E-02 975	6.8E-04 3
06:42----07:42	1.0E-02 13 334	4.0E-03 206	1.8E-02 975	2.1E-03 3
06:57----07:57	9.4E-03 13 335	3.7E-03 202	1.8E-02 975	4.9E-03 4
07:12----08:12	8.9E-03 14 336	3.9E-03 192	1.8E-02 975	7.7E-03 3
07:27----08:27	9.8E-03 15 334	5.8E-03 179	1.6E-02 975	1.1E-02 3
07:42----08:42	1.8E-02 15 330	1.2E-02 165	1.5E-02 975	1.2E-02 2
07:57----08:57	2.0E-02 16 305	1.5E-02 153	1.4E-02 976	1.7E-02 1

STATISTICS

NUMBER OF READINGS 703

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.19E-01	1.03E-02	1.22E-02	4.87E-03	8.80E+00
NO	1.09E-03	9.14E-02	8.18E-03	7.69E-03	6.32E-03	1.96E+00
OZONE	8.51E-03	4.46E-02	2.02E-02	5.13E-03	1.96E-02	1.27E+00
SOLAR RAD	1.00E-06	5.21E-02	5.47E-03	9.34E-03	1.77E-04	3.11E+01
TEMP	12	27	18	4		
HUMIDITY	40	213	118	51	106	2
BAROMETER	970	976	974	2	974	1
WIND SPEED	0	24	7	4	4	7

MAXIMUM
AVERAGE

NO2	2.03E-02
NO	1.64E-02
OZONE	3.25E-02
SOLAR RAD	2.65E-02
TEMP	26
HUMIDITY	207
BAROMETER	976
WIND SPEED	11
WIND DIRECTION	341

TERRACE BAY #2

DATE: AUG 30 1978
 SCAN TIME: 150 SEC
 AVERAGING TIME: 60 MIN
 LOCATION: FIRST EFFLUENT CROSSING (X9390-Y0660): 2.5KM & 050DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
16:06----17:06	7.3E-03 14 222	9.3E-03 80	2.1E-02 986	5.6E-02 10
16:21----17:21	7.4E-03 15 220	6.0E-03 80	2.1E-02 986	5.5E-02 12
16:36----17:36	5.9E-03 14 222	4.9E-03 83	2.1E-02 986	5.2E-02 12
16:51----17:51	5.4E-03 14 226	4.1E-03 87	2.1E-02 986	4.9E-02 12
17:06----18:06	5.0E-03 14 227	3.5E-03 92	2.2E-02 986	4.5E-02 13
17:21----18:21	4.8E-03 13 232	3.5E-03 96	2.2E-02 986	4.2E-02 12
17:36----18:36	4.9E-03 13 233	3.6E-03 98	2.2E-02 986	3.8E-02 12
17:51----18:51	5.1E-03 13 230	3.7E-03 100	2.2E-02 986	3.3E-02 10
18:06----19:06	5.5E-03 13 229	3.8E-03 102	2.1E-02 986	2.5E-02 9
18:21----19:21	6.1E-03 12 224	3.7E-03 107	2.1E-02 986	1.6E-02 8
18:36----19:36	6.4E-03 12 231	3.4E-03 113	2.1E-02 986	9.2E-03 7
18:51----19:51	6.6E-03 12 232	3.9E-03 120	2.1E-02 986	3.4E-03 7

TERRACE BAY #2, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
19:06----20:06	7.0E-03 11 231	4.7E-03 128	2.0E-02 986	2.7E-03 6
19:21----20:21	7.5E-03 11 235	1.3E-02 134	2.0E-02 986	2.1E-03 4
19:36----20:36	1.3E-02 11 227	2.4E-02 140	1.8E-02 986	1.4E-03 3
19:51----20:51	1.6E-02 10 221	5.0E-02 148	1.5E-02 986	9.4E-04 1
20:06----21:06	2.1E-02 10 226	7.7E-02 155	1.2E-02 986	5.2E-04 0
20:21----21:21	2.7E-02 9 239	8.3E-02 162	9.7E-03 986	2.1E-04 0
20:36----21:36	2.1E-02 8 12	1.1E-01 170	6.9E-03 986	5.2E-05 0
20:51----21:51	2.2E-02 8 17	1.0E-01 179	5.1E-03 986	7.0E-06 0
21:06----22:06	2.0E-02 7 21	1.0E-01 184	4.0E-03 987	5.1E-06 0
21:21----22:21	2.0E-02 7 21	1.2E-01 188	1.3E-03 987	5.4E-06 0
21:36----22:36	2.4E-02 7 26	1.2E-01 189	5.8E-04 987	5.7E-06 0
21:51----22:51	2.2E-02 6 37	1.2E-01 188	2.2E-04 987	6.3E-06 0
22:06----23:06	2.4E-02 6 31	1.3E-01 190	1.3E-04 987	6.9E-06 0
22:21----23:21	3.9E-02 6 32	1.5E-01 191	1.2E-04 987	7.5E-06 0

TERRACE BAY #2, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
22:36----23:36	6.8E-02 5 52	1.8E-01 192	1.7E-04 987	1.3E-05 0

STATISTICS

NUMBER OF READINGS 182

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	6.50E-01	1.95E-02	5.47E-02	2.48E-03	3.26E-01
NO	2.05E-03	7.80E-01	6.27E-02	9.63E-02	1.92E-02	5.23E-00
OZONE	1.00E-06	2.24E-02	1.33E-02	9.43E-03	3.10E-03	2.29E+01
SOLAR RAD	1.00E-06	6.38E-02	1.70E-02	2.27E-02	5.27E-04	6.58E-01
TEMP	4	15	10	3		
HUMIDITY	73	200	138	43	131	
BAROMETER	985	988	986	1	986	
WIND SPEED	0	25	5	6	0	255

MAXIMUM
AVERAGE

NO2	6.81E-02
NO	1.78E-01
OZONE	2.16E-02
SOLAR RAD	5.56E-02
TEMP	15
HUMIDITY	192
BAROMETER	987
WIND SPEED	13
WIND DIRECTION	239

TERRACE BAY #3

DATE: SEP 1 1978

SCAN TIME: 90 SEC

AVERAGING TIME: 60 MIN

LOCATION:

ADJACENT TO CLARIFIER & SETTLING POND(X9255-Y0510): 1.1KM & 050DGS/SRC

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
19:39----20:39	1.3E-02 15 149	4.1E-03 231	4.4E-02 975	2.1E-04 5
19:54----20:54	1.5E-02 16 166	4.4E-03 212	4.5E-02 975	1.1E-04 6
20:09----21:09	1.6E-02 16 171	4.2E-03 197	4.6E-02 975	5.6E-05 7
20:24----21:24	1.4E-02 16 172	4.6E-03 186	4.9E-02 975	2.3E-05 7
20:39----21:39	1.4E-02 16 171	5.3E-03 183	5.0E-02 975	1.0E-05 7
20:54----21:54	1.4E-02 16 170	5.3E-03 183	4.9E-02 975	8.5E-06 5
21:09----22:09	1.5E-02 16 171	5.7E-03 183	4.9E-02 975	9.1E-06 6
21:24----22:24	1.5E-02 16 176	5.4E-03 181	4.9E-02 974	8.8E-06 7
21:39----22:39	1.6E-02 16 179	5.2E-03 178	4.9E-02 975	6.7E-06 7
21:54----22:54	1.6E-02 16 178	5.3E-03 179	4.9E-02 974	4.4E-06 7
22:09----23:09	1.5E-02 16 177	5.4E-03 181	5.0E-02 975	3.5E-06 7
22:24----23:24	1.5E-02 16 176	5.5E-03 184	5.1E-02 975	3.2E-06 7

TERRACE BAY #3, CONT'D

PAGE 2

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
22:39----23:39	1.5E-02 16 175	5.5E-03 188	5.2E-02 975	3.8E-06 8
22:54----23:54	1.4E-02 16 177	5.2E-03 190	5.3E-02 974	3.4E-06 8
23:09----00:09	1.4E-02 16 178	5.4E-03 194	5.3E-02 974	3.6E-06 8
23:24----00:24	1.3E-02 16 181	5.4E-03 200	5.3E-02 974	3.6E-06 7
23:39----00:39	1.7E-02 16 190	6.0E-03 204	5.1E-02 974	4.4E-06 6
23:54----00:54	1.7E-02 16 202	5.8E-03 207	5.1E-02 974	5.3E-06 6
00:09----01:09	1.7E-02 16 214	5.8E-03 210	5.0E-02 974	5.7E-06 6
00:24----01:24	1.7E-02 16 219	5.7E-03 212	5.0E-02 974	5.9E-06 7
00:39----01:39	1.3E-02 16 220	4.9E-03 217	5.3E-02 974	5.5E-06 8
00:54----01:54	1.4E-02 16 221	5.0E-03 219	5.2E-02 974	5.5E-06 7
01:09----02:09	1.9E-02 16 221	5.8E-03 221	5.0E-02 974	8.2E-06 6
01:24----02:24	2.7E-02 16 223	6.5E-03 222	4.6E-02 974	1.1E-05 4
01:39----02:39	2.9E-02 16 218	6.7E-03 223	4.4E-02 974	1.2E-05 3
01:54----02:54	2.7E-02 16 210	6.7E-03 224	4.5E-02 974	1.2E-05 3

TERRACE BAY #3, CONT'D

PAGE 3

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
02:09----03:09	2.1E-02 16 206	5.6E-03 223	4.8E-02 974	8.4E-06 4
02:24----03:24	1.3E-02 17 207	5.0E-03 223	5.2E-02 973	5.2E-06 5
02:39----03:39	1.3E-02 17 207	6.0E-03 221	4.9E-02 973	3.5E-06 4
02:54----03:54	1.7E-02 16 209	7.3E-03 224	4.0E-02 973	3.1E-06 3
03:09----04:09	1.9E-02 16 207	8.4E-03 227	3.8E-02 973	4.0E-06 2
03:24----04:24	2.0E-02 16 199	8.6E-03 234	3.7E-02 973	6.1E-06 2
03:39----04:39	2.5E-02 16 209	1.0E-02 237	3.5E-02 973	9.2E-06 3
03:54----04:54	3.1E-02 16 213	1.1E-02 236	3.7E-02 973	1.3E-05 5
04:09----05:09	4.0E-02 16 218	1.6E-02 236	3.1E-02 973	1.6E-05 6
04:24----05:24	4.6E-02 16 224	1.8E-02 232	2.8E-02 973	1.8E-05 7
04:39----05:39	4.6E-02 16 227	1.8E-02 232	2.9E-02 973	2.2E-05 8
04:54----05:54	3.9E-02 16 231	1.6E-02 232	3.4E-02 973	1.9E-05 10
05:09----06:09	2.8E-02 16 234	9.7E-03 231	4.1E-02 973	1.7E-05 11
05:24----06:24	2.2E-02 17 235	7.2E-03 231	4.4E-02 973	1.2E-05 12

TERRACE BAY #3, CONT'D

PAGE 4

TIME	NO2 TEMP WIND DIRECTION	NO HUMIDITY	OZONE BAROMETER	SOLAR RAD WIND SPEED
05:39----06:39	1.5E-02 16 239	5.0E-03 234	4.6E-02 973	6.4E-06 12
05:54----06:54	1.5E-02 16 242	4.9E-03 239	4.6E-02 973	9.3E-06 11
06:09----07:09	1.3E-02 16 247	4.7E-03 243	4.5E-02 973	2.4E-05 10
06:24----07:24	1.3E-02 16 253	4.7E-03 248	4.5E-02 973	1.1E-04 10
06:39----07:39	1.2E-02 16 257	4.6E-03 252	4.5E-02 973	3.6E-04 8
06:54----07:54	1.1E-02 16 260	4.6E-03 254	4.4E-02 973	7.3E-04 6
07:09----08:09	1.2E-02 16 263	4.7E-03 256	4.3E-02 973	1.3E-03 5
07:24----08:24	1.3E-02 16 272	4.7E-03 255	4.1E-02 974	2.3E-03 3
07:39----08:39	1.3E-02 16 276	4.9E-03 253	4.0E-02 974	3.3E-03 2
07:54----08:54	1.5E-02 16 273	5.2E-03 245	4.0E-02 974	5.0E-03 1
08:09----09:09	1.8E-02 17 296	5.6E-03 234	3.8E-02 974	7.8E-03 0

STATISTICS

NUMBER OF READINGS 545

POLLUTANT	MINIMUM VALUE	MAXIMUM VALUE	ARITHMETIC MEAN	STANDARD DEVIATION	GEOMETRIC MEAN	GEOMETRIC STD. DEV.
NO2	1.00E-06	1.07E-01	1.90E-02	1.46E-02	1.55E-02	2.02E+00
NO	1.84E-03	5.96E-02	6.81E-03	6.29E-03	5.74E-03	1.62E+00
OZONE	8.23E-03	5.86E-02	4.47E-02	9.45E-03	4.33E-02	1.32E+00
SOLAR RAD	1.00E-06	2.30E-02	8.50E-04	2.89E-03	1.55E-05	1.62E+01
TEMP	15	19	16	1		
HUMIDITY	161	264	219	25	218	1
BAROMETER	972	977	974	1	974	1
WIND SPEED	0	21	6	4	1	88

MAXIMUM
AVERAGE

NO2	4.59E-02
NO	1.85E-02
OZONE	5.30E-02
SOLAR RAD	7.83E-03
TEMP	17
HUMIDITY	256
BAROMETER	975
WIND SPEED	12
WIND DIRECTION	296

1886.

1887.

1888.

1889.

1890.